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CIPO OPIC

THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: **(www.wipo.int/scit/en/standards/standards.htm)**.

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: **(www.wipo.int/scit/fr/standards/standards.htm)**.

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting **(www.strategis.ic.gc.ca/patentsorder)** or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web **(www.strategis.ic.gc.ca/brevetscommande)** ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences

Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences

Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées

Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires

Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1.	**Transmittal Fee** (Rule 14)	**$300**
2.	**International Filing Fee**	**$1792***
	For each additional sheet over 30	**$20**
3.	**International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1.	**Taxe de transmission** (Règle 14)	**300 $**
2.	**Taxe de dépôt internationale**	**1792 $***
	Pour chaque feuille au delà de 30	**20 $**
3.	**Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boite postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts*.

13. Énoncé de pratique

JOURS FÉRIÉS *(DIES NON)*

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 72[illegible]
   Edmonton (Alberta) T5J 4[illegible]
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail*[TM] and *Xpresspost*[TM] Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail* [TM] and *Xpresspost*[TM] services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail* [TM] and *Xpresspost*[TM] services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé* [MC] et *Xpresspost*[MC] de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandé*[MC] et *Xpresspost*[MC] de Postes Canada sont des établissements ou des bureaux désignés auquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandé*[MC] et *Xpresspost*[MC] de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce.
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationaleale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of February 14, 2017 contains applications open to public inspection from January 29, 2017 to February 4, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 14 février 2017 contient les demandes disponibles au public pour consultation pour la période du 29 janvier 2017 au 4 février 2017.

Canadian Patents Issued

February 14, 2017

Brevets canadiens délivrés

14 février 2017

[11] **2,462,398**
[13] C
[51] **Int.Cl. G06Q 20/40 (2012.01) G06Q 20/34 (2012.01)**
[25] EN
[54] **A SECURE ON-LINE PAYMENT SYSTEM**
[54] **SYSTEME DE PAIEMENT EN LIGNE SECURISE**
[72] BARRY, GERARD J., IE
[73] MAINLINE PATENT HOLDINGS LIMITED, IE
[85] 2003-11-25
[86] 2002-06-04 (PCT/IE2002/000072)
[87] (WO2002/097752)
[30] IE (S20010524) 2001-06-01

[11] **2,471,746**
[13] C
[51] **Int.Cl. A61B 5/05 (2006.01) A61B 5/04 (2006.01)**
[25] EN
[54] **INTRACEREBRAL CURRENT SOURCE ESTIMATION APPARATUS AND PROGRAM**
[54] **APPAREIL ET PROGRAMME D'ESTIMATION DE SOURCE DE COURANT INTERCEREBRALE**
[72] SATO, MASA-AKI, JP
[73] JAPAN SCIENCE AND TECHNOLOGY AGENCY, JP
[73] ADVANCED TELECOMMUNICATIONS RESEARCH INSTITUTE INTERNATIONAL, JP
[85] 2004-06-25
[86] 2002-12-27 (PCT/JP2002/013739)
[87] (WO2003/057035)
[30] JP (2001-400519) 2001-12-28

[11] **2,505,419**
[13] C
[51] **Int.Cl. A61B 17/90 (2006.01) A61B 34/10 (2016.01)**
[25] EN
[54] **PATIENT SELECTABLE JOINT ARTHROPLASTY DEVICES AND SURGICAL TOOLS FACILITATING INCREASED ACCURACY, SPEED AND SIMPLICITY IN PERFORMING TOTAL AND PARTIAL JOINT ARTHROPLASTY**
[54] **DISPOSITIFS D'ARTHROPLASTIE POUVANT ETRE SELECTIONNES EN FONCTION DU PATIENT ET INSTRUMENTS CHIRURGICAUX PERMETTANT DE REALISER UNE ARTHROPLASTIE TOTALE ET PARTIELLE DE MANIERE PLUS PRECISE, PLUS RAPIDE ET PLUS SIMPLE**
[72] BEREZ, AARON, US
[72] FITZ, WOLFGANG, US
[72] LANG, PHILIPP, US
[72] STEINES, DANIEL, US
[72] TIMSARI, BIJAN, US
[72] TSOUGARAKIS, KONSTANTINOS, US
[72] VARGAS-VORACEK, RENE, US
[72] O'REGAN, CECILY ANNE, US
[73] CONFORMIS, INC., US
[85] 2005-05-06
[86] 2003-11-25 (PCT/US2003/038158)
[87] (WO2004/049981)
[30] US (10/305,652) 2002-11-27

[11] **2,518,275**
[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 25/28 (2006.01) C07K 16/00 (2006.01) C07K 16/18 (2006.01) C07K 16/46 (2006.01) C12N 15/63 (2006.01) C12P 21/08 (2006.01)**
[25] EN
[54] **HUMANIZED ANTIBODIES THAT RECOGNIZE BETA AMYLOID PEPTIDE**
[54] **ANTICORPS HUMANISES RECONNAISSANT LE PEPTIDE BETA-AMYLOIDE**
[72] BASI, GURIQ, US
[72] SALDANHA, JOSE W., GB
[73] WYETH LLC, US
[73] JANSSEN SCIENCES IRELAND UC, IE
[85] 2005-09-06
[86] 2004-03-12 (PCT/US2004/007503)
[87] (WO2004/080419)
[30] US (10/388,389) 2003-03-12

[11] **2,520,223**
[13] C
[51] **Int.Cl. E21B 43/263 (2006.01)**
[25] EN
[54] **METHOD FOR THE IN PLACE RECOVERY OF HEAVY OIL FROM A SUBTERRANEAN DEPOSIT**
[54] **METHODE DE RECUPERATION DE PETROLE LOURD EN PLACE DANS DES GISEMENTS SOUTERRAINS**
[72] KEELE, HOWARD, CA
[73] KEELE, HOWARD, CA
[86] (2520223)
[87] (2520223)
[22] 2005-09-19

[11] **2,531,411**
[13] C
[51] **Int.Cl. H04L 9/28 (2006.01) H04L 9/14 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ENCRYPTING TRAFFIC ON A NETWORK**
[54] **SYSTEME ET METHODE DE CHIFFREMENT DU TRAFIC SUR UN RESEAU**
[72] TURK, DOUGHAN A., CA
[73] BCE INC, CA
[86] (2531411)
[87] (2531411)
[22] 2005-12-23

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[11] **2,532,228**
[13] C
[51] **Int.Cl. A61K 31/713 (2006.01) A61K 9/14 (2006.01) A61K 47/18 (2017.01) A61K 47/24 (2006.01) A61P 1/16 (2006.01) A61P 31/14 (2006.01)**
[25] EN
[54] **LIPID ENCAPSULATED INTERFERING RNA**
[54] **ARN INTERFERANT ENCAPSULE DANS UN LIPIDE**
[72] AMBEGIA, ELLEN GRACE, CA
[72] HEYES, JAMES, CA
[72] MACLACHLAN, IAN, CA
[73] PROTIVA BIOTHERAPEUTICS, INC., CA
[85] 2006-01-11
[86] 2004-07-16 (PCT/CA2004/001051)
[87] (WO2005/007196)
[30] US (60/488,144) 2003-07-16
[30] US (60/503,279) 2003-09-15
[30] US (60/529,406) 2003-12-11

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[11] **2,544,837**
[13] C
[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYNCHRONIZATION AND MERGE ENGINES**
[54] **MOTEURS DE SYNCHRONISATION ET DE FUSION**
[72] RING, CAMERON TYLER, US
[72] SHEAR, JOSEPH BARUCK, US
[72] MASONIS, JOHN TODD, US
[72] KING, RYAN A., US
[72] CAREY, RICHARD JOSEPH, US
[73] PLAXO, INC., US
[85] 2006-05-04
[86] 2004-11-08 (PCT/US2004/037539)
[87] (WO2005/048071)
[30] US (10/703,949) 2003-11-07

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[11] **2,559,652**
[13] C
[51] **Int.Cl. A61K 31/4375 (2006.01)**
[25] EN
[54] **METHODS OF USING SNS-595 IN TREATING CANCER**
[54] **MOYENS D'UTILISER SNS-595 DANS LE TRAITEMENT DU CANCER**
[72] ADELMAN, DANIEL C., US
[72] SILVERMAN, JEFFREY A., US
[72] HIGAKI, MASARU, JP
[72] NAKAO, SATOSHI, JP
[73] SUNESIS PHARMACEUTICALS, INC., US
[73] SUMITOMO DAINIPPON PHARMA CO., LTD., JP
[85] 2006-09-13
[86] 2005-03-14 (PCT/US2005/008346)
[87] (WO2005/089757)
[30] US (60/553,578) 2004-03-15

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[11] **2,565,781**
[13] C
[51] **Int.Cl. G01N 33/28 (2006.01) G01N 27/06 (2006.01) G01N 27/22 (2006.01)**
[25] EN
[54] **METHOD FOR ON-LINE MONITORING OF CONDITION OF NON-AQUEOUS FLUIDS**
[54] **METHODE DE SURVEILLANCE EN LIGNE DE L'ETAT DE FLUIDES NON AQUEUX**
[72] BOYLE, FREDERICK P., US
[72] LVOVICH, VADIM F., US
[73] THE LUBRIZOL CORPORATION, US
[85] 2006-11-06
[86] 2005-05-03 (PCT/US2005/015185)
[87] (WO2005/111604)
[30] US (10/841,757) 2004-05-07

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[54] **FORMES CRISTALLINES D'HYDROCHLORURE DE (R)-8-CHLORO-1-METHYL-2,3,4,5-TETRAHYDRO-1H-3-BENZAZEPINE**
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[72] HENSHILWOOD, JAMES A., US
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[54] **SYSTEME ET METHODE DE TENUE EN TEMPS REEL D'UN INVENTAIRE DES SERVICES ET DES RESSOURCES ASSOCIEES D'UNE COMPAGNIE DE CLIENT**
[72] PARISIEN, VINCENT, CA
[72] THIERRY, CHRISTOPHER XAVIER, CA
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[54] **MICRO-ORGANISMES EUCARYOTES POUR PRODUIRE DES LIPIDES ET DES ANTIOXYDANTS**
[72] BURJA, ADAM M., CA
[72] RADIANINGTYAS, HELIA, CA
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[54] **REOVIRUS POUR LE TRAITEMENT DE TROUBLES CELLULAIRES PROLIFERANTS**
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[72] STRONG, JAMES, CA
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[73] AGRICULTURE VICTORIA SERVICES PTY LTD, AU
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[72] BRADMAN, GODFREY, GB
[72] PENADES ULLATE, SOLEDAD, ES
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[72] BIRNBAUM, ANGELA, US
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[54] **PROCEDES ET ARTICLES SERVANT A TRAITER L'INSUFFISANCE ET LA DEFICIENCE EN 25-HYDROXYVITAMINE D**
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[54] **SOLUTIONS AQUEUSES STABLES AU STOCKAGE DE DIOXYDE DE CHLORE ET PROCEDES DE FABRICATON ET D'UTILISATION DE CES SOLUTIONS**
[72] MCWHORTER, THOMAS, US
[72] ROSENBLATT, AARON, US
[72] SHAY, ROBERT, US
[72] KERAMATI, BARZIN, US
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[54] **PROCEDE DE DESULFURISATION DES GAZ DE COMBUSTION FAISANT APPEL AU PEROXYDE D'HYDROGENE**
[72] PFEFFER, HENRY, US
[72] COPENHAFER, WILLIAM C., US
[73] PEROXYCHEM LLC, US
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[54] **AN APPARATUS AND METHOD FOR CONTINUOUSLY MOVING FLEXIBLE CONTAINERS FROM A ROTARY MACHINE TO A CONVEYOR**
[54] **APPAREILLAGE ET METHODE PERMETTANT DE DEPLACER EN CONTINU DES CONTENANTS SOUPLES D'UNE MACHINE A SYSTEME ROTATIF VERS UN TRANSPORTEUR**
[72] FURLOTTI, FILIPPO, IT
[72] LE BRUN, RENATO, IT
[73] WILD PARMA S.R.L., IT
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[54] **SYSTEME DE STOCKAGE DE REPLIQUES DISTRIBUE AVEC INTERFACE DE SERVICES WEB**
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[72] ATLAS, ALAN B., US
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[72] CORMIE, JOHN DAVID, US
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[54] **METHODE ET APPAREILLAGE APPLICABLES A UN MELANGEUR A AUBAGE FENDU**
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[72] DUBIC, MICHAEL G., US
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[54] **METHOD AND DEVICE FOR LUBRICATING TOOL AND WORKPIECE AT CUTTING**
[54] **METHODE ET DISPOSITIF DE LUBRIFICATION D'OUTIL ET DE PIECE LORS DE LA COUPE**
[72] SCHLATTER, ULRICH, CH
[73] FEINTOOL INTERNATIONAL HOLDING AG, CH
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[54] **COMPOSITIONS LIPIDIQUES STRUCTUREES ET METHODES DE FORMULATION CONNEXES**
[72] KLEMANN, LAWRENCE PAUL, US
[72] FINLEY, JOHN WESTCOTT, US
[73] INTERCONTINENTAL GREAT BRANDS LLC, US
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[73] QUALCOMM INCORPORATED, US
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[54] **LASERS A IR MOYEN LARGEMENT REGLABLES A POMPAGE ELECTRIQUE A BASE DE SEMI-CONDUCTEURS ENDUITS DE METAL DE TRANSITION CONFINES PAR QUANTUM**
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[72] FEDOROV, VLADIMIR V., US
[72] MARTYSHKIN, DMITRI, US
[73] THE UAB RESEARCH FOUNDATION, US
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[54] **CONTEXT-BASED USER AUTHENTICATION, WORKFLOW PROCESSING, AND DATA MANAGEMENT IN A CENTRALIZED APPLICATION IN COMMUNICATION WITH A PLURALITY OF THIRD-PARTY APPLICATIONS**
[54] **AUTHENTIFICATION DE L'UTILISATEUR, TRAITEMENT DU TRAVAIL, ET GESTION DES DONNEES EN FONCTION DU CONTEXTE, AU MOYEN D'UNE APPLICATION CENTRALISEE EN INTERFACE AVEC APPLICATIONS DE TIERS**
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[73] FMR LLC, US
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[54] **DISPOSITIF DE PRESSION POSITIVE CONTINUE POUR VOIES AERIENNES**
[72] DUQUETTE, STEVEN, US
[72] HAN, STEVE, US
[73] CAREFUSION 207, INC., US
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[54] **NOUVEAU GROUPE D'ESTERASES POUR LA PRODUCTION DE PRODUITS CHIMIQUES FINS ET SPECIALISES**
[72] ELEND, CHRISTIAN, DE
[72] JAEGER, KARL-ERICH, DE
[72] LEGGEWIE, CHRISTIAN, DE
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[54] **PROCEDE D'EXTRACTION D'UNE OU DE PLUSIEURS PROTEINES PRESENTES DANS DU LAIT**
[72] LEJARS, ALAIN, FR
[72] NOGRE, MICHEL, FR
[72] TELLIER, MICHEL, FR
[73] LFB BIOTECHNOLOGIES, FR
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[54] **CLEAR-CHANNEL SYSTEM AND RELATED APPLICATIONS**
[54] **SYSTEME DE CHAINE EN CLAIR ET APPLICATIONS RELATIVES A CELUI-CI**
[72] CORNWALL, MARK K., US
[73] ITRON, INC., US
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[54] **ENCEINTE DESTINEE AU LOGEMENT D'UN MATERIEL DE COMMUNICATION**
[72] GRUNWALD, BRAD N., US
[72] KEENUM, JOHN A., US
[73] CORNING OPTICAL COMMUNICATIONS LLC, US
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[54] **PROCEDE ET SYSTEME DE DISCRIMINATION DE CHEMIN DE RESEAU**
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[54] **MELANGE DE BACTERIES LACTIQUES POUR LA PREPARATION DE PRODUITS DE BOULANGERIE SANS GLUTEN**
[72] GIULIANI, GIAMMARIA, IT
[72] BENEDUSI, ANNA, IT
[72] DI CAGNO, RAFFAELLA, IT
[72] DE ANGELIS, MARIA, IT
[72] LUISI, ANTONELLA, IT
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[54] **ENSEMBLE DE COUVERCLE DE SOULEVEMENT ET DE JOINT D'ETANCHEITE**
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[73] HUBBELL INCORPORATED, US
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[54] **BUTTERFLY MOP WITH INTERNAL WRINGING ACTUATOR**
[54] **BALAI-EPONGE AVEC ACTIONNEUR D'ESSORAGE**
[72] SILVERMAN, MICHAEL, US
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[54] **INTEGRATION D'ANALYSES GEOMECANIQUE ET SISMIQUE POUR ANALYSE PASSIVE DE FAISABILITE SISMIQUE**
[72] HSU, SHENG-YUAN, US
[72] VENKATARAMAN, ANUPAMA, US
[72] SZE, EDMOND K., US
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[54] **A PHARMACEUTICAL COMPOSITION FOR TREATING CHOLANGIOCARCINOMA, A METHOD FOR INHIBITING GROWTH OR INVASION OF CHOLANGIOCARCINOMA AND A METHOD FOR TREATING CHOLANGNIOCARCINOMA**
[54] **COMPOSITION PHARMACEUTIQUE POUR LE TRAITEMENT DE CHOLANGIOCARCINOME, PROCEDE D'INHIBITION DE CROISSANCE OU D'INVASION DE CHOLANGIOCARCINOME, ET PROCEDE DE TRAITEMENT DE CHOLANGIOCARCINOME**
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[72] LEE, JUNG-WHOI, KR
[72] KIM, JIN MAN, KR
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[54] **MESURE DE LA RETRODIFFUSION DE BRILLOUIN PROVENANT D'UNE FIBRE OPTIQUE PAR DECOUPAGE EN CANAUX**
[72] HARTOG, ARTHUR H., GB
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **APPAREIL AVEC RESEAU DE VENTILATION A PAVILLON D'ASPIRATION**
[72] WATKINS, DEREK LEE, US
[73] HAIER US APPLIANCE SOLUTIONS, INC., US
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[54] **PROCESS FOR THE PREPARATION OF PLEUROMUTILINS**
[54] **PROCEDE DE PREPARATION DE PLEUROMUTILINES**
[72] MACHER, INGOLF, AT
[72] BERGER, ANDREAS, AT
[72] DECRISTOFORO, MARTIN, AT
[73] NABRIVA THERAPEUTICS AG, AT
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[54] **REVETEMENT BIOACTIF CONTENANT DU RUTHENIUM, ET DISPOSITIF CORRESPONDANT**
[72] LANDAU, UWE, DE
[72] LISOWSKY, THOMAS, DE
[72] ESSER, KARLHEINZ, DE
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[54] **METHODS AND SYSTEMS FOR ESTIMATING OPERATING PARAMETERS OF AN ENGINE**
[54] **METHODES ET SYSTEMES POUR L'ESTIMATION DES PARAMETRES DE FONCTIONNEMENT D'UN MOTEUR**
[72] ADIBHATLA, SRIDHAR, US
[72] WISEMAN, MATTHEW WILLIAM, US
[72] NESTICO, BRIAN FRANCIS, US
[72] VIASSOLO, DANIEL EDGARDO, US
[72] BRUNELL, BRENT JEROME, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **METHOD AND DEVICES FOR AIDING IN THE RELATIVE POSITIONING OF OBJECTS DURING A DESIGN PHASE**
[54] **METHODE ET DISPOSITIFS D'AIDE AU POSITIONNEMENT RELATIF D'OBJETS PENDANT UNE ETAPE DE CONCEPTION**
[72] CAZALS, OLIVIER, FR
[73] AIRBUS OPERATIONS SAS, FR
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[54] **SYSTEME ET PROCEDE POUR CODER DES RAPPORTS CQI MIMO WCDMA**
[72] CHENG, JUNG-FU, US
[72] WANG, YI-PIN ERIC, US
[72] GRANT, STEPHEN, US
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[54] **METHOD AND APPARATUS FOR PROVIDING CLEAN AIR TO ANIMAL ENCLOSURES**
[54] **METHODE ET APPAREIL FOURNISSANT DE L'AIR PUR AUX ENCLOS POUR ANIMAUX**
[72] DEVINE, STEVEN T., US
[72] SUNDVIK, ANDERS, US
[73] CAMFIL USA, INC., US
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[54] **SYSTEM AND METHOD FOR CONNECTING A POWER CABLE WITH A SUBMERSIBLE COMPONENT**
[54] **SYSTEME ET METHODE DE RACCORDEMENT D'UN CABLE D'ALIMENTATION A UN ELEMENT SUBMERSIBLE**
[72] WATSON, ARTHUR I., US
[72] MANKE, GREGORY H., US
[72] COSTA, WAYNE L., US
[72] SCARSDALE, KEVIN T., US
[72] FEATHERBY, CHRIS E., US
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[54] **SYSTEME DE MISE EN ACTION A LA DEMANDE**
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[73] SMITH INTERNATIONAL, INC., US
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[54] **SINGLE FLOW CIRCUIT HEAT EXCHANGE DEVICE FOR PERIODIC POSITIVE AND REVERSE DIRECTIONAL PUMPING**
[54] **ECHANGEUR DE CHALEUR A CIRCUIT A SIMPLE FLUX POUR POMPAGE PERIODIQUE POSITIF ET INVERSE**
[72] YANG, TAI-HER, TW
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[54] **DISPOSITIF D'ECHANGE DE CHALEUR A DOUBLE CIRCUIT DE CIRCULATION PERMETTANT LE POMPAGE DIRECTIONNEL INVERSE ET POSITIF PERIODIQUE**
[72] YANG, TAI-HER, TW
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[54] **ELECTRO-DEPOT INSTANTANE DE NANOSTRUCTURES METALLIQUES SUR DES NANOTUBES DE CARBONE**
[72] WEI, XIN, US
[72] DENG, YUANJIAN, US
[72] THOMAS, RENARD L., US
[72] WILSON, BOBBY L., US
[73] TEXAS SOUTHERN UNIVERSITY, US
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[54] **PROCEDE ET DISPOSITIF POUR DES RAPPORTS D'ETAT AMELIORES**
[72] MEYER, MICHAEL, DE
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[54] **TRAITEMENT DE DONNEES BIOMETRIQUES PAR TRANSFORMEES DE PROJECTION ALEATOIRES**
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[73] ACCENTURE GLOBAL SERVICES LIMITED, IE
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[54] **POPPET VALVE WITH SLOPED PURGE HOLES AND METHOD FOR REDUCING A PRESSURE FORCE THEREIN**
[54] **SOUPAPE-CHAMPIGNON AVEC ORIFICES DE PURGE, ET METHODE PERMETTANT DE REDUIRE LA PRESSION EXERCEE SUR EUX**
[72] FRANCINI, STEFANO, IT
[72] CAMPO, NICOLA, IT
[72] BIANCHINI, MICHELE, IT
[73] NUOVO PIGNONE S.P.A., IT
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[54] **ENSEMBLE D'AUBE DIRECTRICE INTEGREE**
[72] WOJNO, JOHN P., US
[72] PRENTICE, IAN FRANCIS, US
[72] GIRIDHARAN, MANAMPATHY, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **TREATMENT METHOD USING EGFR ANTIBODIES AND SRC INHIBITORS AND RELATED FORMULATIONS**
[54] **PROCEDE DE TRAITEMENT UTILISANT DES ANTICORPS D'EGFR ET DES INHIBITEURS DE SRC, ET FORMULATIONS EN RAPPORT**
[72] CAVENEE, WEBSTER, US
[72] FURNARI, FRANK, US
[72] JOHNS, TERRANCE GRANT, AU
[72] SCOTT, ANDREW, AU
[73] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD, CH
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[54] **VALVE ROD GUIDE WITH CYCLONIC DEBRIS REMOVAL**
[54] **GUIDE DE TIGE DE SOUPAPE EQUIPE D'UN DISPOSITIF D'ENLEVEMENT DE DEBRIS CYCLONIQUE**
[72] FORD, MICHAEL, US
[73] FORD, MICHAEL, US
[86] (2681694)
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[54] **APPAREIL ET PROCEDE DE PRESSAGE DE LA PAROI EXTERIEURE D'UN TUYAU**
[72] SUTTON, GERALD S., US
[72] KELLEY, DAVID J., US
[73] ADVANCED DRAINAGE SYSTEMS, INC., US
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[54] **DISPOSITIFS D'AFFICHAGE D'AVION ET AGENCEMENTS D'AFFICHAGE**
[72] HALL, ANDREW, GB
[73] GE AVIATION SYSTEMS LIMITED, GB
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[54] **MONTAGE CONSTRUCTIF INSERE DANS UN CONDENSEUR A DEBIT BIDIRECTIONNEL**
[72] DA SILVA DIAS, PEDRO MAURICIO, BR
[73] HEATCRAFT DO BRASIL LTDA., BR
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[54] **INSTALLATION D'UN RESEAU A FIBRE OPTIQUE**
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[73] TERASPAN NETWORKS INC., CA
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[54] **RADIOMETRE COMPORTANT UN DISPOSITIF DE NETTOYAGE**
[72] SEMMER, STEVEN, US
[72] RICHTER, DAVID, US
[72] ONCLEY, STEVE, US
[72] DELANY, ANTHONY, US
[72] SCHWENZ, KARL T., US
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[54] **ACTIVE CLEARANCE CONTROL FOR A CENTRIFUGAL COMPRESSOR**
[54] **CONTROLE ACTIF DES JEUX POUR UN COMPRESSEUR CENTRIFUGE**
[72] KARAFILLIS, APOSTOLOS PAVLOS, US
[72] LOEHLE, KENNETH ALLEN, US
[72] TAMEO, ROBERT PATRICK, US
[72] GUTZ, DAVID ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **BOP A BELIER BIDIRECTIONNEL ET METHODE**
[72] CARBAUGH, WILLIAM L., US
[72] MEI, ERIC, US
[72] CHILDERS, LEONARD G., US
[73] HYDRIL USA MANUFACTURING LLC, US
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[54] **UTILISATION D'UNE HEMOGLOBINE POUR LA PREPARATION DE PANSEMENTS, ET PANSEMENTS AINSI PREPARES**
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[72] ROUSSELOT, MORGANE, FR
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[54] **POROSITE DE NEUTRONS THERMIQUES A PARTIR DE LONGUEUR DE RALENTISSEMENT DE NEUTRONS, SECTION TRANSVERSALE DE CAPTURE DE NEUTRONS THERMIQUES DE FORMATION ET DENSITE APPARENTE**
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[54] **DERIVES DE 6-AMINO-PYRIMIDINE-4-CARBOXAMIDE ET COMPOSES ASSOCIES QUI SE FIXENT AU RECEPTEUR DE SPHINGOSINE-1-PHOSPHATE (S1P) DANS LE TRAITEMENT DE LA SCLEROSE EN PLAQUES**
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[72] SCHWARZ, MATTHIAS, FR
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[54] **ANTICORPS DIRIGES CONTRE CD200 ET LEURS UTILISATIONS DANS L'INHIBITION DE REPONSES IMMUNITAIRES**
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[54] **COMPOSITION CONTENANT DU P-MENTHANE-3, 8-DIOL ET SON UTILISATION COMME REPULSIF A INSECTES**
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[54] **INSTRUMENT CHIRURGICAL ELECTRIQUEMENT AUTONOME A RELACHEMENT MANUEL**
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[54] **TAMIS EN FIBRE DE VERRE, METHODE DE FABRICATION ET LAMINAGE**
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[54] **HYDROLYSE DE FIBRES AUGMENTEE PAR ADDITION DE PROTEASE**
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[54] **PROCEDE ET SYSTEME D'ETANCHEIFICATION D'UN ESPACE ANNULAIRE**
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[72] STOREY, JAMES MICHAEL, US
[72] AVAGLIANO, AARON JOHN, US
[72] BYRD, DOUGLAS S., US
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[54] **PROCEDES ET COMPOSITIONS POUR UNE INTEGRATION CIBLEE**
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[72] YAO, SHUYUAN, US
[72] NALDINI, LUIGI, IT
[72] LOMBARDO, ANGELO LEONE, IT
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[72] THIELE, ANDREA, DE
[72] HEINRICH, TOBIAS, DE
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[54] **ARCHITECTURES DE TRAITEMENT MULTI-ELEMENTS POUR LA MODELISATION ET LA COMPENSATION DE LA DEGRADATION DES SYSTEMES A ENTREE MULTIPLE SORTIE MULTIPLE**
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[54] **DISPOSITIF ET METHODE EVITANT LE BRIS D'UN OUTIL LORS DU DECOUPAGE FIN ET/OU DU FORMAGE D'UNE PIECE**
[72] SCHALTEGGER, MARKUS, CH
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[72] OCHSENBEIN, JUERG, CH
[73] FEINTOOL INTERNATIONAL HOLDING AG, CH
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[72] CRISTOFARO, ALFIO, CH
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[54] **PROCEDE DE POSE DE VOIES FERREES SUR DALLE DE BETON DANS DES TUNNELS FERROVIAIRES BITUBES**
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[72] OLVERA, ALFREDO, US
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[72] WIEBE, TREVOR, CA
[73] ABSOLUTE SOFTWARE CORPORATION, CA
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[54] **COMPOSITIONS FOR THE TREATMENT OF VAGINAL INFECTIONS WITH CHRONIC INFLAMMATION**
[54] **COMPOSITIONS DESTINEES AU TRAITEMENT DES INFECTIONS VAGINALES A INFLAMMATION CHRONIQUE**
[72] BOMBARDELLI, EZIO, IT
[72] FONTANA, GABRIELE, IT
[72] GIORI, ANDREA, IT
[72] MORAZZONI, PAOLO, IT
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[54] **ENSEMBLE DE PLATINES DE PRESSE A VIDE ET PROCEDE DE REGLAGE**
[72] LAWRENCE, ERIC CLAY, US
[73] LAWRENCE EQUIPMENT, INC., US
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[54] **INDICATEUR POUR RUPTEUR EN CAS DE DEFAUT ET INTERRUPTEUR COUPE-CHARGE**
[72] BRUSKY, NICHOLAS, US
[72] LINDSEY, KURT LAWRENCE, US
[73] COOPER TECHNOLOGIES COMPANY, US
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[54] **SYSTEMS, METHODS AND DEVICES FOR USE IN ASSESSING CARCASS GRADING**
[54] **SYSTEMES, METHODES ET DISPOSITIFS DESTINES A ETRE UTILISES POUR DETERMINER LA QUALITE D'UNE CARCASSE**
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[73] BIOTRONICS, INC., US
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[54] **COMPOSITIONS POUR CONFERER UNE SUPERHYDROPHOBICITE**
[72] RANADE, RAHUL A., US
[72] GARRISON, MARK S., US
[72] ROBINSON, FREDA E., US
[72] SANDSTROM, GIOVANA A., US
[73] AVON PRODUCTS, INC., US
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[54] **POLYMERES D'ACIDES POLY-CARBOXYLIQUES**
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[72] CAO, MING, US
[72] CHIRAT, MATHIEU, US
[73] UNIVERSITY OF NEW HAMPSHIRE, US
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[54] **DRIVE ASSEMBLY SUITABLE FOR USE IN A DRUG DELIVERY DEVICE AND DRUG DELIVERY DEVICE**
[54] **ENSEMBLE D'ENTRAINEMENT APPROPRIE POUR UNE UTILISATION DANS UN DISPOSITIF D'ADMINISTRATION DE MEDICAMENT ET DISPOSITIF D'ADMINISTRATION DE MEDICAMENT**
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[54] **ELEMENT DE FINITION, CONSTRUCTION ET PROCEDE POUR L'IMPERMEABILITE AUX LIQUIDES D'UNE SURFACE**
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[72] MASTENBROEK, MARTIN, NL
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[72] SHAMSELDIN, ELHANAFI, US
[72] DELRAHIM, JOE, US
[72] HOSKING, PAUL, US
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[54] **ENSEMBLE A MICROPLAQUE MAGNETIQUE**
[72] YIN, FEI, US
[72] JEFFREY-COKER, BANDELE, US
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[54] **DISPOSITIF DE VERROUILLAGE A CIRCUIT IMPRIME INTEGRE**
[72] PICARD, DANIEL J., US
[72] HUNT, ROBERT C., US
[72] LOWDER, SCOTT B., US
[73] SARGENT MANUFACTURING COMPANY, US
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[54] **DISPOSITIF ET PROCEDE DE DETERMINATION DES PROPRIETES DE FORMULATIONS D'AEROLS**
[72] EGEN, MARC, DE
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[72] KRUEGER, MICHAEL, DE
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[72] PICHLER, ARTHUR, AT
[72] HOTTER, ANDREAS, AT
[72] GRIESSER, ULRICH, AT
[72] LANGES, CHRISTOPH, AT
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[54] **FOUR ET PROCEDE POUR COMMANDER L'ECOULEMENT D'AIR A TRAVERS LA LARGEUR DE COURROIE DANS UN FOUR EN SPIRALE**
[72] KUENEN, HENDRIKUS ANTONIUS JACOBUS, NL
[73] GEA FOOD SOLUTIONS BAKEL B.V., NL
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[54] **DISPOSABLE PATCH AND REUSABLE SENSOR ASSEMBLY FOR USE IN MEDICAL DEVICE LOCALIZATION AND MAPPING SYSTEMS**
[54] **ENSEMBLE DE TIMBRE ET DE CAPTEUR DESTINE A ETRE UTILISE DANS DES SYSTEMES DE CARTOGRAPHIE ET DE LOCALISATION DE DISPOSITIFS MEDICAUX**
[72] DATTA, KESHAVA, US
[72] JIMENEZ, EDUARDO, US
[72] PENDEKANTI, RAJESH, US
[72] SCHULTZ, JEFFREY, US
[73] BIOSENSE WEBSTER, INC., US
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[54] **APPAREIL MULTI-CHAMBRE POUVANT ETRE REMPLI DE FLUIDE**
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[73] EDWARDS INNOVATIONS LIMITED, GB
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[54] **VERROU ELECTROMECANIQUE**
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[72] PAEAEKKOENEN, TOIVO, FI
[72] KARJALAINEN, PETTERI, FI
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[54] **DISPOSITIF DE THERAPIE PAR CHAMPS MAGNETIQUES**
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[72] GRAU, JIM A., US
[72] BERHEIDE, MARKUS, FR
[72] STOLLER, CHRISTIAN, US
[72] ROSCOE,BRAD, FR
[72] THORNTON, JAMES, FR
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[54] **A CATALYST COMPOSITION AND A PROCESS THAT USES THE CATALYST COMPOSITION FOR THE HYDROCONVERSION OF A HEAVY HYDROCARBON FEEDSTOCK**
[54] **COMPOSITION DE CATALYSEUR ET PROCEDE UTILISANT CETTE COMPOSITION DE CATALYSEUR POUR L'HYDROCONVERSION D'HYDROCARBURE LOURD**
[72] GINESTRA, JOSIANE MARIE-ROSE, US
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[54] **METHOD AND APPARATUS FOR INSTANCE IDENTIFIER BASED ON A UNIQUE DEVICE IDENTIFIER**
[54] **PROCEDE ET APPAREIL SERVANT A UN IDENTIFICATEUR D'INSTANCE BASE SUR UN IDENTIFICATEUR DE DISPOSITIF UNIQUE**
[72] SCHNEYER, SEAN KENDALL, US
[72] LINDHOLM, FREDRIK, SE
[72] HEIDERMARK, ALF, SE
[73] TELEFONAKTIEBOLAGET LM ERICSSON (PUBL), SE
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[54] **COPOLYMERS MADE WITH ALLYL-TERMINATED POLYOLEFINS AND UNSATURATED ACIDIC REAGENTS, DISPERSANTS USING SAME, AND METHODS OF MAKING SAME**
[54] **COPOLYMERES REALISES AVEC DES POLYOLEFINES A TERMINAISON ALLYLE ET DES REACTIFS ACIDES INSATURES, DES DISPERSANTS UTILISANT CEUX-CI, ET DES PROCEDES DE FABRICATION DE CEUX-CI**
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[72] STOKES, CASEY D., US
[73] CHEVRON ORONITE COMPANY LLC, US
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[54] **PROPERTY MODULATED MATERIALS AND METHODS OF MAKING THE SAME**
[54] **MATERIAUX A PROPRIETE MODULEE ET PROCEDES DE FABRICATION DE CEUX-CI**
[72] WHITAKER, JOHN D., US
[72] BAO, ZHI LIANG, US
[73] MODUMETAL, INC., US
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[54] **COMMANDE DES OSCILLATIONS DE RELAXATION DANS DES OSCILLATEURS PARAMETRIQUES OPTIQUES INTRACAVITE**
[72] DUNN, MALCOLM HARRY, GB
[72] STOTHARD, DAVID JAMES MARK, GB
[72] RAE, CAMERON FRANCIS, GB
[73] UNIVERSITY COURT OF THE UNIVERSITY OF ST ANDREWS, GB
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[54] **BELLOWS DISPOSED ON A GUIDE MEMBER OF A DISK BRAKE**
[54] **SOUFFLET DISPOSE SUR UN LONGERON DE GUIDAGE D'UN FREIN A DISQUE**
[72] GRUBER, MARKUS, DE
[72] NESMJANOWITSCH, IGOR, DE
[73] KNORR-BREMSE SYSTEME FUER NUTZFAHRZEUGE GMBH, DE
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[54] **DISPOSITIF DE RETENUE DE CARTES DE CIRCUITS IMPRIMES**
[72] WEISMAN, ARNOLD, US
[73] PENTAIR ELECTRONIC PACKAGING COMPANY, US
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[54] **DEGRADATION DE MATIERE LIGNOCELLULOSIQUE**
[72] LAAT, DE, WILHELMUS THEODORUS ANTONIUS MARIA, NL
[72] KUMAR, MANOJ, US
[72] SCHOONEVELD-BERGMANS, MARGOT ELISABETH FRANCOISE, NL
[73] DSM IP ASSETS B.V., NL
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[54] **METHOD FOR VARNISHING SECURITY DOCUMENTS, ESPECIALLY INTAGLIO-PRINTED SECURITY DOCUMENT SUCH AS BANKNOTES, AND VARNISHING MACHINE FOR CARRYING OUT THE SAME**
[54] **PROCEDE POUR VERNIR DES DOCUMENTS SECURISES, EN PARTICULIER DES DOCUMENTS SECURISES IMPRIMES EN TAILLE-DOUCE TELS QUE DES BILLETS DE BANQUE, ET MACHINE A VERNIR POUR LE REALISER**
[72] BOLOGNINI, STEPHANE, CH
[73] KBA-NOTASYS SA, CH
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[54] **INSTRUMENT ELECTRO-CHIRURGICAL ET PROCEDE D'UTILISATION**
[72] TRUCKAI, CSABA, US
[72] SHADDUCK, JOHN H., US
[72] BAKER, JAMES A., US
[73] ETHICON ENDO-SURGERY, INC., US
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[54] **DISPOSITIF DE PROTECTION**
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[54] **DISPOSITIFS ELECTROCHIMIQUES AVEC ACTIVITE ELECTROCHIMIQUE AMELIOREE ET METHODES DE FABRICATION DE CES DERNIERS**
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[72] VITARIS, RONALD F., US
[72] TRUPIANO, ANTHONY, US
[72] KING, STEVEN D., US
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[54] **VITRAGE MULTIPLE INCORPORANT AU MOINS UN REVETEMENT ANTIREFLET ET UTILISATION D'UN REVETEMENT ANTIREFLET DANS UN VITRAGE MULTIPLE**
[72] JANSSEN, DAVID, DE
[72] NEANDER, MARCUS, DE
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[72] OBERHOLTZER, GARY, US
[73] CONVATEC TECHNOLOGIES INC., US
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[54] **COMPOSITIONS TOPIQUES CONTENANT DU CIS-6-NONENOL ET SES DERIVES ET PROCEDES DE TRAITEMENT DE LA PEAU**
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[54] **ADHESION DE LAQUE PAR DES POLYVINYLAMINES DANS DES AGENTS ANTICORROSION ACIDES AQUEUX CONTENANT DES POLYMERES**
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[54] **ESTIMATION DE DECALAGE DE FREQUENCE A L'AVEUGLE POUR SIGNAL CORRELE TEMPORELLEMENT ET/OU SPATIALEMENT**
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[54] **PROCEDE DE SEPARATION ET APPAREIL POUR FLUIDES NON MISCIBLES**
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[72] GAEBLER, ANSOR, DE
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[54] **DERIVES DE CARBAMATES D'ALKYL-HETEROCYCLES, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] ABOUABDELLAH, AHMED, FR
[72] CHEREZE, NATHALIE, FR
[72] FAYOL, AUDE, FR
[72] SAADY, MOURAD, FR
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[72] SARFATI-MIZRAHI, DAVID, MX
[72] SUAREZ-MARTINEZ, JESUS ALEJANDRO, MX
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[54] **PROCEDE ET COMPOSITION POUR LE TRAITEMENT D'UN SUBSTRAT**
[72] DAS, SOMNATH, IN
[72] PRAMANIK, AMITAVA, IN
[72] RAMAN, SRINIVASA GOPALAN, IN
[72] SARKAR, ARPITA, IN
[73] UNILEVER PLC, GB
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[72] SPOOL, IRA, US
[72] ROSEN, MELISSA, US
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[72] SCHILLING, JAN CHRISTOPHER, US
[72] WADIA, ASPI RUSTOM, US
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[54] **REVETEMENT FORMANT UNE BARRIERE ENVIRONNEMENTALE PRESENTANT LA CAPACITE D'ATTENUER LE CMAS POUR DES COMPOSANTS DE SUBSTRAT EN CERAMIQUE**
[72] KIRBY, GLEN HAROLD, US
[72] BOUTWELL, BRETT ALLEN, US
[72] ACKERMAN, JOHN FREDERICK, US
[73] GENERAL ELECTRIC COMPANY, US
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[72] HAN, JIE, US
[73] INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION, US
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[54] **SUBSTITUTED (THIOPHENYL-CARBONYL)IMIDAZOLIDINONES, AND USE THEREOF**
[54] **(THIOPHENYLCARBONYL)IMIDAZOLIDINONES A SUBSTITUTION ET LEUR UTILISATION**
[72] THEDE, KAI, DE
[72] GRESCHAT, SUSANNE, DE
[72] WILDUM, STEFFEN, DE
[72] PAULSEN, DANIELA, DE
[73] AICURIS GMBH & CO. KG, DE
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[54] **STIMULATEURS SGC D'ACTIVATEURS SGC EN COMBINAISON AVEC DES INHIBITEURS PDE5 DANS LE TRAITEMENT DU DYSFONCTIONNEMENT ERECTILE**
[72] SANDNER, PETER, DE
[72] STASCH, JOHANNES-PETER, DE
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[54] **CONVERTISSEUR CA/CC DIRECT POUR MINIMISATION DE COMPOSANT PASSIF ET FONCTIONNEMENT UNIVERSEL DE RESEAUX DE LED**
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[72] CEVERA, RICHARD L., US
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[72] MILIVOJEVIC, IVAN, GB
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[54] **RECUPERATION DE MAGNESIUM ET DE SOUFRE DANS LA LIXIVIATION DE MINERAIS DE NICKEL LATERITIQUE**
[72] PEREIRA, ANTONIO CLARETI, BR
[72] GUIMARAES, FELIPE HILARIO, BR
[72] TUDE, JOAO ALBERTO DE LESSA, BR
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[54] **LAMPE A AMALGAME A INTENSITE LUMINEUSE VARIABLE ET PROCEDE DE FONCTIONNEMENT D'UNE LAMPE A AMALGAME EN MODE ECLAIRAGE REDUIT**
[72] VORONOV, ALEX, DE
[72] SPITZENBERG, KLAUS, DE
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[72] MCLEOD, GAVIN, AU
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[54] **PROCEDE POUR LA PURIFICATION D'UN COURANT AQUEUX SORTANT DE LA REACTION DE FISCHER-TROPSCH**
[72] FRANZOSI, GIULIANA, IT
[72] CESTI, PIETRO, IT
[72] PAGLINO, ROBERTO, IT
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[54] **ATELIER DE PREPARATION DE MOTEURS D'AVION POUR LEUR EXPEDITION**
[72] CARCY, BERNARD FRANCOIS, FR
[72] CHENEAU, CHRISTOPHE ANDRE, FR
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[72] SCHMID, LEO, AT
[73] KEMIRA OYJ, FI
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[54] **AMELIORATIONS DANS ET CONCERNANT DES DISPOSITIFS DE GESTION DE VEHICULE**
[72] WILLARD, ALEXANDER EDWARD, GB
[72] TUNSTALL, GLEN ALAN, GB
[72] DIXON, RUTH, GB
[72] HATIRIS, EMMANOUIL, GB
[73] TANTALUM INNOVATIONS LIMITED, GB
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[54] **RECUPERATION D'HUILE VISQUEUSE AU MOYEN D'UNE SOURCE DE COURANT ELECTRIQUE FLUCTUANTE ET D'UN APPAREIL DE CHAUFFAGE A COMBUSTION**
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[72] WATTENBARGER, ROBERT CHICK, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **PSEUDO-CONTENEURS AERODYNAMIQUES CONCUS POUR REDUIRE LA RESISTANCE DE L'AIR CONNEXE AUX CONTENEURS MULTIMODAUX EMPILES**
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[73] UNION PACIFIC RAILROAD COMPANY, US
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[54] **EN-CAS AUX FRUITS INTEGRALEMENT NATURELS ET PROCEDE DE FABRICATION D'UN EN-CAS AUX FRUITS INTEGRALEMENT NATUREL**
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[54] **UTILISATION D'UNE COMBINAISON D'ACIDES D-ASPARTIQUE ET L-ASPARTIQUE OU DE SELS DE CEUX-CI POUR LE TRAITEMENT DE L'INFERTILITE MASCULINE**
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[54] **DISPOSITIFS DE CURIETHERAPIE ET PROCEDES ET PRODUITS DE PROGRAMME INFORMATIQUE ASSOCIES**
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[54] **APPARATUS AND METHOD OF HANDLING ROD-SHAPED COMPONENTS**
[54] **DISPOSITIF ET PROCEDE DE MANIPULATION D'ELEMENTS EN FORME DE TIGE**
[72] KOECKEIS, RUPERT, DE
[72] MURR, HANS-PETER, DE
[72] STADLER, TOBIAS, DE
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[54] **DERIVES DE CYCLOPENTA[C]PYRROLE-2-CARBOXYLATES, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] ABOUABDELLAH, AHMED, FR
[72] EVEN, LUC, FR
[72] FAYOL, AUDE, FR
[72] VACHE, JULIEN, FR
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[54] **OUTIL DE FORAGE ET PROCEDE D'INTRODUCTION IN SITU D'UN FLUIDE DE TRAITEMENT DANS UN ANNEAU DE PUITS**
[72] TONNESSEN, SVEN HARALD, NO
[72] GUNNARSSON, BENGT, NO
[72] DYBEVIK, ARTHUR HERMAN, NO
[72] OLSEN, JONATHAN EUGEN, NO
[73] AGR CANNSEAL AS, NO
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[72] LEWANDOWSKI, JEFFREY L., US
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[54] **DISPOSITIF DE COLLECTE DE DECHETS D'ANIMAUX DOMESTIQUES**
[72] SIGMUND, ROY PAUL, CA
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[54] **COMPOSITION DE RESINE DE POLYAMIDE ET ARTICLE MOULE**
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[72] KUROKAWA, MASASHI, JP
[73] MITSUBISHI GAS CHEMICAL COMPANY, INC., JP
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[54] **AMPOULE LUMINEUSE DE SOURCE DE LUMIERE A SEMI-CONDUCTEUR**
[72] NARENDRAN, NADARAJAH, US
[72] FREYSSINIER, JEAN PAUL, US
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[72] HERGOVICH LISZTWAN, JOANNA, CH
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[54] **SYSTEME ET PROCEDE DE DISTRIBUTION TRANSCORPORELLE**
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[54] **INHIBITEURS DE SERINE PROTEASE DE TYPE TRYPSINE, ET LEUR PREPARATION ET UTILISATION**
[72] HEROLD, PETER, CH
[72] DAGHISH, MOHAMMED, DE
[72] JELAKOVIC, STJEPAN, DE
[72] REICHELT, CLAUDIA, DE
[72] SCHULZE, ALEXANDER, DE
[72] SCHWEINITZ, ANDREA, DE
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[54] **METHOD AND APPARATUS FOR TRANSMITTING SIGNAL VIA RELAY BACKHAUL LINK**
[54] **PROCEDE ET APPAREIL D'EMISSION DE SIGNAL VIA UNE LIAISON DE RACCORDEMENT DE RELAIS**
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[72] KIM, HAK SEONG, KR
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[73] LG ELECTRONICS INC., KR
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[54] **CARACTERISATION ET RECHERCHE D'OBJET SEMANTIQUE**
[72] UDUPA, UPPINAKUDURU RAGHAVENDRA, US
[72] KUMAR, SHAISHAV, US
[73] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[54] **METHODE, APPAREIL DE DETECTION DE PRESENCE ET LEUR UTILISATION**
[72] FRIEDLAENDER, DANIEL, US
[73] FRIEDLAENDER, DANIEL, US
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[54] **LIGHTING ENVIRONMENT CONTROL FACILITY FOR CULTIVATION OF CROPS, PEST CONTROL METHOD, AND INTENSIVE CULTIVATION METHOD**
[54] **INSTALLATION DE COMMANDE D'ENVIRONNEMENT D'ECLAIRAGE POUR LA CULTURE DE PLANTES CULTIVEES, PROCEDE DE LUTTE CONTRE INSECTES NUISIBLES, ET PROCEDE DE CULTURE DENSE**
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[54] **DISPOSITIF DE FREIN DE SECURITE POUR ELEMENTS DE MACHINE EN MOUVEMENT**
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[54] **ANTICORPS ANTI-HER2 COMPLETEMENT HUMANISE, SON PROCEDE DE PREPARATION ET SON UTILISATION**
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[54] **STRUCTURES FIBREUSES ET LEURS PROCEDES DE REALISATION**
[72] BARNHOLTZ, STEVEN LEE, US
[72] TROKHAN, PAUL DENNIS, US
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[54] **DETERMINATION D'UN MODE DE PREDICTION INTRA D'UNE UNITE DE CODAGE D'IMAGE ET D'UNE UNITE DE DECODAGE D'IMAGE**
[72] MIN, JUNG-HYE, KR
[72] ALSHINA, ELENA, KR
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[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **METHOD AND APPARATUS FOR PERFORMING INTERPOLATION BASED ON TRANSFORM AND INVERSE TRANSFORM**
[54] **PROCEDE ET APPAREIL DESTINES A EXECUTER UNE INTERPOLATION SUR LA BASE D'UNE TRANSFORMATION ET D'UNE TRANSFORMATION INVERSE**
[72] ALSHINA, ELENA, KR
[72] ALSHIN, ALEXANDER, KR
[72] SHLYAKHOV, NIKOLAY, KR
[72] CHOI, BYEONG-DOO, KR
[72] HONG, YOON-MI, KR
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[54] **ELECTRODE DE GRAPHITE**
[72] COLEMAN, PHILIP D., US
[72] MURRAY, GREG E., US
[72] NAPOLITANO, MARCO, US
[72] TOMASEK, AARON, US
[72] BOWMAN, BRIAN, US
[72] KRASSOWSKI, DANIEL W., US
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[54] **SEMELLE INTERIEURE DE SUPPORT A CONTOUR**
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[72] GRANGER, DAVID B., US
[72] LEWIS, PAUL, CA
[73] IMPLUS FOOTCARE, LLC, US
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[54] **APPROCHES POUR LOCALISATION ET COMMUNICATION DE DISPOSITIFS**
[72] BOZARTH, BRADLEY J., US
[72] KARAKOTSIOS, KENNETH M., US
[72] HART, GREGORY M., US
[72] FREED, IAN W., US
[72] BEZOS, JEFFREY P., US
[73] AMAZON TECHNOLOGIES, INC., US
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[54] **SYSTEME DE PANNEAUX MURAUX ISOLANTS**
[72] LEWIS, DAVID L., US
[73] LEWIS, DAVID L., US
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[54] **METHODS AND SYSTEMS FOR SYNCHRONIZING MEDIA**
[54] **PROCEDES ET SYSTEMES DE SYNCHRONISATION DE CONTENU MULTIMEDIA**
[72] WANG, AVERY LI-CHUN, US
[72] POWAR, RAHUL, GB
[72] MILLS, WILLIAM MICHAEL, GB
[72] BARTON, CHRISTOPHER JACQUES PENROSE, US
[72] INGHELBRECHT, PHILIP GEORGES, US
[72] MUKHERJEE, DHEERAJ SHANKAR, GB
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[54] **ADVERTISEMENT AND DISTRIBUTION OF NOTIFICATIONS IN A WIRELESS LOCAL AREA NETWORK (WLAN)**
[54] **ANNONCE ET DISTRIBUTION DE NOTIFICATIONS DANS UN RESEAU LOCAL RADIO (WLAN)**
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[72] MONTEMURRO, MICHAEL PETER, CA
[73] BLACKBERRY LIMITED, CA
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[73] APPLE INC., US
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[54] **ELARGISSEMENT DE LA GAMME DYNAMIQUE UTILISABLE EN PHOTOMETRIE**
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[72] SCHILDKNECHT, KURT, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **MOBILE WIRELESS COMMUNICATIONS SYSTEM INCLUDING SELECTIVELY COUPLED PAIR OF DISCONTINUOUS NFC CIRCUIT SEGMENTS AND RELATED METHODS**
[54] **SYSTEME DE COMMUNICATION MOBILE SANS FIL COMPORTANT UNE PAIRE SELECTIVEMENT COUPLEE DE SEGMENTS DE CIRCUIT DE COMMUNICATION EN CHAMP PROCHE DISCONTINUS ET PROCEDES CONNEXES**
[72] ALDANA, LEONARDO, CA
[72] SIMOES, FELIPE OLIVEIRA, CA
[73] BLACKBERRY LIMITED, CA
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[54] **INERTIAL FILTER AND PARTICLE CLASSIFICATION APPARATUS**
[54] **FILTRE INERTIEL ET APPAREIL DE CLASSIFICATION DE PARTICULES**
[72] IKEDA, TAKUJI, JP
[72] OTANI, YOSHIO, JP
[72] FURUUCHI, MASAMI, JP
[72] SETO, TAKAFUMI, JP
[72] MIZUNO, MASATO, JP
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[54] **BEVERAGE DISPENSING ASSEMBLY**
[54] **ENSEMBLE DE DISTRIBUTION DE BOISSON**
[72] METROPULOS, WILLIAM, US
[72] SUGRUE, JOHN, US
[72] ALPERT, WAYNE, US
[72] HINTERLONG, KEVIN, US
[73] SMART BAR USA LLC, US
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[54] **SYSTEME ET PROCEDE DE DISTRIBUTION DE BOISSON**
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[72] KNECHT, TIM, US
[73] SMART BAR USA LLC, US
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[54] **CYCLIC N,N'-DIARYLTHIOUREAS AND N,N'-DIARYLUREAS - ANDROGEN RECEPTOR ANTAGONISTS, ANTICANCER AGENT, METHOD FOR PREPARATION AND USE THEREOF**
[54] **ANTAGONISTES DU RECEPTEUR ANDROGENE N,N'-DIARYLTHIOUREAS ET N,N'-DIARYLUREAS CYCLIQUES, AGENT ANTICANCER, METHODE DE PREPARATION ET D'UTILISATION ASSOCIEE**
[72] IVACHTCHENKO, ALEXANDRE VASILIEVICH, US
[72] MITKIN, OLEG DMITRIEVICH, RU
[73] R-PHARM OVERSEAS INC., US
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[54] **SIGNALISATION POUR FORMATS DE TRAMES ETENDUS MPDU, A-MPDU ET A-MSDU**
[72] MERLIN, SIMONE, US
[72] WENTINK, MAARTEN MENZO, US
[72] ABRAHAM, SANTOSH PAUL, US
[73] QUALCOMM INCORPORATED, US
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[54] **VIDEO ENCODING METHOD AND APPARATUS USING TRANSFORMATION UNIT OF VARIABLE TREE STRUCTURE, AND VIDEO DECODING METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE CODAGE VIDEO UTILISANT UNE UNITE DE TRANSFORMATION DE STRUCTURE ARBORESCENTE VARIABLE, ET PROCEDE ET APPAREIL DE DECODAGE VIDEO**
[72] LEE, TAMMY, KR
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[73] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **DENSITOMETRE A VIBRATION COMPRENANT UN ELEMENT VIBRANT AMELIORE**
[72] VAN CLEVE, CRAIG BRAINERD, US
[72] MACDONALD, GEORGE, GB
[73] MICRO MOTION, INC., US
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[54] **AMENEE DE MATERIAU PARTICULAIRE DANS UN SOUS-SOL**
[72] HUGHES, TREVOR, GB
[72] BARMATOV, EVGENY, GB
[72] GEDDES, JILL, GB
[72] FULLER, MICHAEL, MY
[72] DROCHON, BRUNO, GB
[72] MAKARYCHEV-MIKHAILOV, SERGEY, RU
[73] SCHLUMBERGER CANADA LIMITED, CA
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[54] **SYSTEM AND METHOD FOR CHANNEL STATE INFORMATION FEEDBACK IN WIRELESS COMMUNICATIONS SYSTEMS**
[54] **SYSTEME ET PROCEDE DE COMMUNICATION EN RETOUR D'ETATS DE CANAUX DANS UN SYSTEME DE RADIOCOMMUNICATIONS**
[72] WANG, JIANGUO, CN
[72] TANG, YANG, US
[72] ZHOU, YONGXING, CN
[72] MAZZARESE, DAVID, CN
[72] FRENNE, MATTIAS, SE
[73] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **CABLE COMPONENTS AND METHODS OF MAKING AND USING SAME**
[54] **COMPOSANTS DE CABLE ET PROCEDES POUR LEUR FABRICATION ET LEUR UTILISATION**
[72] VARKEY, JOSEPH, US
[72] PROTASOV, VADIM, US
[73] SCHLUMBERGER CANADA LIMITED, CA
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[72] KNAUER, JOCHEN FRIEDRICH, DE
[73] ECOLAB USA INC., US
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[54] **SYSTEMES ET PROCEDES POUR UNE OPTIMISATION VSLAM**
[72] EADE, ETHAN, US
[72] MUNICH, MARIO E., US
[72] FONG, PHILIP, US
[73] IROBOT CORPORATION, US
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[54] **HIGH STRENGTH STEEL SHEET AND METHOD FOR MANUFACTURING THE SAME**
[54] **TOLE D'ACIER HAUTE RESISTANCE ET SON PROCEDE DE FABRICATION**
[72] FUSHIWAKI, YUSUKE, JP
[72] SUZUKI, YOSHITSUGU, JP
[73] JFE STEEL CORPORATION, JP
[85] 2013-03-26
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[54] **DETECTION DE DEFAILLANCE EN AMONT**
[72] ORZELL, GREGORY, US
[72] FUNGE, JOHN, US
[72] CHEN, DAVID, US
[73] NETFLIX, INC., US
[86] (2813380)
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[22] 2013-04-18
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[25] EN
[54] **APPARATUS AND METHOD FOR A NETWORKED POWER MANAGEMENT SYSTEM FOR SECURITY AND LIFE SAFETY APPLICATIONS**
[54] **APPAREIL ET PROCEDE POUR UN SYSTEME DE GESTION D'ENERGIE EN RESEAU POUR DES APPLICATIONS DE SECURITE ET DE SECURITE DES PERSONNES**
[72] LIU, GUANG, US
[72] HOLLAND, JOSEPH MALCHUS, US
[72] YE, LARRY LIWEI, US
[72] OLLIVER, JOHN FRANCIS, US
[73] LIFESAFETY POWER INC., US
[85] 2013-04-08
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[51] **Int.Cl. H04N 21/234 (2011.01)**
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[54] **COMPOSITE VIDEO STREAMING USING STATELESS COMPRESSION**
[54] **DIFFUSION EN MODE CONTINU DE VIDEO COMPOSITE AU MOYEN D'UNE COMPRESSION SANS ETAT**
[72] URBACH, JULIAN MICHAEL, US
[73] OTOY, INC., US
[85] 2013-04-15
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[54] **APPAREIL THERMOELECTRIQUE ET SES APPLICATIONS**
[72] CARROLL, DAVID L., US
[73] WAKE FOREST UNIVERSITY, US
[85] 2013-04-17
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[25] EN
[54] **METHOD OF DETECTING A LOSS OF SERVICE AVAILABILITY, IN PARTICULAR A JAMMING TRANSMITTER AND/OR AN OUT OF SERVICE SITUATION, AFFECTING A COMMUNICATION USER EQUIPMENT, USER EQUIPMENT AND EVALUATION UNIT WITH INTERFACES TO THE USER EQUIPMENT**
[54] **PROCEDE DE DETECTION D'UNE PERTE DE DISPONIBILITE DE SERVICE, EN PARTICULIER UN EMETTEUR DE BROUILLAGE ET/OU UNE SITUATION D'INDISPONIBILITE DE SERVICE AFFECTANT UN EQUIPEMENT UTILISATEUR DE COMMUNICATION, EQUIPEMENT UTILISATEUR ET MODULE D'EVALUATION PRESENTANT DES INTERFACES A L'EQUIPEMENT UTILISATEUR**
[72] BREUER, VOLKER, DE
[72] ROEHL, BERND, DE
[73] GEMALTO M2M GMBH, DE
[85] 2013-05-02
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[54] **COMPOSITIONS AND METHODS FOR IMPROVING THE APPEARANCE OF FACIAL TEXTURE**
[54] **COMPOSITIONS ET METHODES UTILISABLES EN VUE DE L'AMELIORATION DE L'ASPECT DE LA TEXTURE DU VISAGE**
[72] HAKOZAKI, TOMOHIRO, US
[72] LAUGHLIN, LEO TIMOTHY, II, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **AN EARPHONE HAVING AN ACOUSTIC TUNING MECHANISM**
[54] **ECOUTEUR POURVU D'UN MECANISME D'ACCORD ACOUSTIQUE**
[72] HOWES, MICHAEL B., US
[72] AZMI, YACINE, US
[72] PORTER, SCOTT P., US
[72] AASE, JONATHAN S., US
[73] APPLE INC., US
[86] (2818722)
[87] (2818722)
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[54] **METHOD FOR FORMING AN ELECTRIC SIGNAL REPRESENTING A SOUND AND A DEVICE THEREFOR**
[54] **PROCEDE DESTINE A FORMER UN SIGNAL ELECTRIQUE QUI REPRESENTE UN SON ET DISPOSITIF ASSOCIE**
[72] ERIKSSON, SVEN-AKE, SE
[73] RESEARCH ELECTRONICS LEKSAND AB, SE
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[54] **SYSTEMS AND METHODS FOR REMOTE GAMING USING TERMINAL**
[54] **SYSTEMES ET METHODES POUR JEU A DISTANCE UTILISANT UN TERMINAL**
[72] FROY, DAVID, CA
[72] BABIN, PETER, CA
[72] GADHER, BHARAT, CA
[72] IDRIS, FAYEZ, CA
[72] PLESKONJIC, DRAGAN, RS
[72] POST, PETER, AT
[72] MCINTYRE, ANDREW, CA
[73] IGT CANADA SOLUTIONS ULC, CA
[86] (2821133)
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[54] **GAS DETECTION AND QUANTIFICATION METHOD USING A PULSED NEUTRON LOGGING TOOL**
[54] **PROCEDE DE DETECTION ET DE QUANTIFICATION DE GAZ A L'AIDE D'UN OUTIL DE DIAGRAPHIE A NEUTRONS PULSES**
[72] BEEKMAN, SICCO, US
[72] ZHOU, TONG, US
[72] STOLLER, CHRISTIAN, US
[73] SCHLUMBERGER CANADA LIMITED, CA
[85] 2013-06-11
[86] 2011-12-16 (PCT/US2011/065570)
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[25] EN
[54] **ARTICULATING WORK PLATFORM SUPPORT SYSTEM, WORK PLATFORM SYSTEM, AND METHODS OF USE THEREOF**
[54] **SYSTEME SUPPORT DE PLATE-FORME DE TRAVAIL ARTICULEE, SYSTEME DE PLATE-FORME DE TRAVAIL ET PROCEDES D'UTILISATION DE CEUX-CI**
[72] JOLICOEUR, PAUL, US
[72] SCRAFFORD, ROY, US
[72] WESTRICK, CLIFFORD, US
[72] GORDON, DAVE, US
[72] SILIC, TOM, US
[72] TIFFT, EDWARD, US
[72] GRUMBERG, MATHIEU, US
[73] SAFWAY SERVICES, LLC, US
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[54] **APPARATUS FOR BREWING A BEVERAGE AND RELATED METHOD**
[54] **APPAREIL DESTINE A FAIRE INFUSER UNE BOISSON ET PROCEDE ASSOCIE**
[72] HULETT, RANDY, US
[72] KOLLER, IZAAK, US
[72] SHAY, BRIAN, US
[73] STARBUCKS CORPORATION, D/B/A STARBUCKS COFFEE COMPANY, US
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[54] **AUTOMATIC MEDICINE PACKING MACHINE**
[54] **MACHINE DE CONDITIONNEMENT AUTOMATIQUE DE MEDICAMENTS**
[72] KIM, JUN HO, KR
[73] JVM CO., LTD., KR
[85] 2013-07-12
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[25] EN
[54] **GROUNDING SYSTEM FOR WELDING APPLICATION WITH MEASUREMENT CIRCUIT; METHOD OF GROUNDING IN A WELDING APPLICATION WITH SUCH MEASURING**
[54] **SYSTEME ET PROCEDE DE MISE A LA TERRE POUR APPLICATION DE SOUDAGE AVEC CIRCUIT DE MESURE**
[72] GITTER, JOSEPH CARL, US
[72] BAUS, GEORGE HAROLD, US
[72] SALSICH, ANTHONY VAN BERGEN, US
[73] ILLINOIS TOOL WORKS INC., US
[85] 2013-06-17
[86] 2011-12-14 (PCT/US2011/064910)
[87] (WO2012/082895)
[30] US (61/423,882) 2010-12-16
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[51] **Int.Cl. H04W 4/06 (2009.01) H04W 60/00 (2009.01) H04W 4/08 (2009.01) H04W 72/12 (2009.01)**
[25] EN
[54] **METHODS FOR ASSIGNING A PLETHORA OF GROUP COMMUNICATIONS AMONG A LIMITED NUMBER OF PRE-ESTABLISHED MBMS BEARERS IN A COMMUNICATION SYSTEM**
[54] **PROCEDES POUR ALLOUER UNE PLURALITE DE COMMUNICATIONS DE GROUPE ENTRE UN NOMBRE PREETABLI DE PORTEUSES DANS UN SYSTEME DE COMMUNICATION**
[72] KORUS, MICHAEL F., US
[72] DROZT, PETER M., US
[72] NEWBERG, DONALD G., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2013-06-26
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[54] **WATERCRAFT WITH IMPROVED CHARACTERISTICS FOR TRAVEL IN ICE**
[54] **EMBARCATION AVEC CARACTERISTIQUES AMELIOREES DE NAVIGATION EN PRESENCE DE GLACE**
[72] RANKI, ERKKI, FI
[72] MATTSSON, TOM, FI
[72] VOCKE, MAXIMILIAN, FI
[73] AKER ARCTIC TECHNOLOGY OY, FI
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[54] **ANTIBODY MOLECULES WHICH BIND IL-17A AND IL-17F**
[54] **MOLECULES D'ANTICORPS SE LIANT A IL-17A ET IL-17F**
[72] ADAMS, RALPH, GB
[72] BAKER, TERENCE SEWARD, GB
[72] LAWSON, ALASTAIR DAVID GRIFFITHS, GB
[73] UCB BIOPHARMA SPRL, BE
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[25] EN
[54] **A USB DRIVE WITH MULTIPLE PRINTED CIRCUIT BOARD LAYERS FOR STORING DATA IN A MEMORY**
[54] **CLE USB A COUCHES DE CARTES DE CIRCUITS IMPRIMES MULTIPLES POUR STOCKER DES DONNEES DANS UN DISPOSITIF A MEMOIRE**
[72] MOON, SUNG UB, CA
[73] MOON, SUNG UB, CA
[86] (2823924)
[87] (2823924)
[22] 2013-08-15
[30] CA (2,812,607) 2013-04-02

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[54] **COMPOSITE BOW CENTRALIZER**
[54] **CENTREUR A RESSORTS EN ARC EN MATERIAU COMPOSITE**
[72] LIVELY, GLENN, US
[72] LEVIE, DAVID, CH
[72] MUELLER, DIETMAR, DE
[72] WEBER, THORSTEN, DE
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **INSTRUMENT FOR PRODUCING KAKIAGE AND METHOD FOR PRODUCING KAKIAGE**
[54] **INSTRUMENT PERMETTANT DE PRODUIRE DU KAKIAGE ET PROCEDE PERMETTANT DE PRODUIRE DU KAKIAGE**
[72] MARUYAMA, KAZUHIDE, JP
[72] IWAHASHI, YASUHIKO, JP
[72] KAMEOKI, TOMOFUMI, JP
[72] UEKI, YOSHIHITO, JP
[72] KANAZAWA, SATOSHI, JP
[73] NISSHIN FOODS INC., JP
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[30] JP (2011-009667) 2011-01-20

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[54] **TASTE-MASKED ORAL CARE COMPOSITIONS**
[54] **COMPOSTIONS DE SOIN BUCCAL A GOUT MASQUE**
[72] VOGT, ROBERT, US
[72] KOHRS, KARSTEN, US
[72] FISHER, STEVEN WADE, US
[72] CAMPBELL, THOMAS, US
[72] PRENCIPE, MICHAEL, US
[73] COLGATE-PALMOLIVE COMPANY, US
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[25] EN
[54] **INVERSION-BASED METHOD TO CORRECT FOR THE PIPE RESIDUAL SIGNAL IN TRANSIENT MWD MEASUREMENTS**
[54] **PROCEDE BASE SUR L'INVERSION POUR CORRIGER LE SIGNAL RESIDUEL DU TUBAGE DANS LES TELEMETRIES DE FOND TRANSITOIRES EN COURS DE FORAGE**
[72] ITSKOVICH, GREGORY B., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-08-07
[86] 2012-02-09 (PCT/US2012/024463)
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[25] EN
[54] **WIDE DYNAMIC RANGE INTERFEROMETRIC TRANSDUCER WITH DIVERGENT BEAM**
[54] **TRANSDUCTEUR INTERFEROMETRIQUE A LARGE GAMME DYNAMIQUE DOTE D'UN FAISCEAU DEVERGENT**
[72] EDWARDS, CARL M., US
[72] CARR, DUSTIN W., US
[72] PATTERSON, STEVEN R., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2013-08-12
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[54] **GENERATION DE DONNEES POUR MODELISATION GEOMECANIQUE**
[72] SHEN, XINPU, US
[72] HU, XIAOMIN, US
[73] LANDMARK GRAPHICS CORPORATION, US
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[54] **FULL SPECTRUM LED ILLUMINATOR**
[54] **APPAREIL D'ECLAIRAGE A LED A SPECTRE COMPLET**
[72] MOORE, ALLEN, CA
[73] NOVADAQ TECHNOLOGIES INC., CA
[85] 2013-09-06
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[25] EN
[54] **STEEL SHEET FOR HOT STAMPED MEMBER AND METHOD OF PRODUCTION OF SAME**
[54] **FEUILLE D'ACIER POUR UN ELEMENT ESTAMPE A CHAUD ET SON PROCEDE DE FABRICATION**
[72] TANAHASHI, HIROYUKI, JP
[72] MAKI, JUN, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2013-09-06
[86] 2012-03-16 (PCT/JP2012/056917)
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[25] EN
[54] **METHOD FOR FILLING CONCRETE BLOCK CAVITIES WITH EXPANDING FOAM INSULATION**
[54] **PROCEDE DE REMPLISSAGE DE CAVITES DE BLOC DE BETON AVEC ISOLATION EN MOUSSE EXPANSIVE**
[72] TAYLOR, ANTHONY J., US
[73] FOMO PRODUCTS, INC., US
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[54] **ADHESIVES MADE FROM POLYMER SYSTEMS**
[54] **ADHESIFS A BASE DE SYSTEMES POLYMERES**
[72] KASPER, DIRK, DE
[72] MOLLER, THOMAS, DE
[72] HOFFMANN, GUNTER, DE
[72] HOFFMANN, KNUT, DE
[72] SWAIN, ANDY, DE
[72] YAACOUB, CLAUDIA, DE
[72] BARBOSA DEJESUS, MARIA CRISTINA, US
[73] HENKEL AG & CO. KGAA, DE
[73] HENKEL IP & HOLDING GMBH, DE
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[54] **OUVERTURE D'UNE CONDUITE CIMENTEE DANS UN PUITS**
[72] SHAW, JOEL DAVID, US
[72] TERRY, PAUL ROBERT, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **ADN POLYMERASES AVEC UNE ACTIVITE AMELIOREE**
[72] BAUER, KEITH, US
[72] SAN FILIPPO, JOSEPH, US
[72] MYERS, THOMAS W., US
[72] REICHERT, FRED, US
[72] SHAHINIAN, RACHEL, US
[72] SUKO, SHAWN, US
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **DEVICE AND METHOD FOR KEEPING HUMIDITY/WATER AWAY FROM CONCRETE FOUNDATIONS AND PROVIDE INSULATION**
[54] **DISPOSITIF ET PROCEDE VISANT A ELOIGNER L'HUMIDITE ET L'EAU DES FONDATIONS EN BETON ET A ASSURER UNE ISOLATION**
[72] NICOLAS, MARCEL, CA
[73] NICOLAS, MARCEL, CA
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[54] **GRID TYPE ELEMENT OF OPEN POLYGONAL CELLS**
[54] **ELEMENT DE TYPE GRILLE DE CELLULES POLYGONALES OUVERTES**
[72] FINK, AXEL, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
[86] (2833957)
[87] (2833957)
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[25] EN
[54] **A COMPLEX OF AMORPHOUS TOMOXIPROLE AND CYCLODEXTRIN WITH FAST DISSOLUTION RATE AND PROCESS FOR THE PREPARATION THEREOF**
[54] **COMPLEXE DE TOMOXIPROLE AMORPHE ET DE CYCLODEXTRINE PRESENTANT UNE VITESSE DE DISSOLUTION ELEVEE ET SON PROCEDE DE PREPARATION**
[72] MILANESE, ALBERTO, IT
[72] NEBULONI, MARINO, IT
[72] CARRANO, LUCIA, IT
[73] FONDAZIONE ISTITUTO INSUBRICO DI RICERCA PER LA VITA, IT
[73] FONDAZIONE CARIPLO, IT
[85] 2013-11-05
[86] 2012-06-14 (PCT/EP2012/061261)
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[54] DRIVING UNIT AND BATTERY-ASSISTED BICYCLE
[54] UNITE D'ENTRAINEMENT ET BICYCLETTE ASSISTEE PAR BATTERIE
[72] ARIMUNE, NOBUYASU, JP
[73] YAMAHA HATSUDOKI KABUSHIKI KAISHA, JP
[86] (2836456)
[87] (2836456)
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[25] EN
[54] COMPOUNDS AND COMPOSITIONS FOR STABILIZING HYPOXIA INDUCIBLE FACTOR-2 ALPHA AS A METHOD FOR TREATING CANCER
[54] COMPOSES ET COMPOSITIONS POUR LA STABILISATION DU FACTEUR 2 ALPHA INDUCTIBLE PAR L'HYPOXIE COMME PROCEDE DE TRAITEMENT DU CANCER
[72] SHALWITZ, ROBERT, US
[72] GARDNER, JOSEPH H., US
[72] JANUSZ, JOHN M., US
[73] AKEBIA THERAPEUTICS INC., US
[85] 2013-11-27
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[25] EN
[54] WATER SUPPLY DEVICE WITH DOUBLE SUPPLY MODES
[54] DISPOSITIF D'ALIMENTATION D'EAU A DEUX MODES
[72] ZHANG, CHANGWEN, CN
[72] LI, BO, CN
[72] XIE, CARTER, CN
[73] GLOBE UNION INDUSTRIAL CORP., TW
[86] (2838337)
[87] (2838337)
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[25] EN
[54] MODULATORS OF ADP-DEPENDENT GLUCOKINASE (ADPGK) AND GLYCEROL-3-PHOSPHATE DEHYDROGENASE (GPD2) FOR THERAPY
[54] MODULATEURS DE GLUCOKINASE ADP-DEPENDANTE (ADPGK) ET DE GLYCEROL-3-PHOSPHATE DESHYDROGENASE (GPD2) A VISEE THERAPEUTIQUE
[72] KRAMMER, PETER, DE
[72] KAMINSKI, MARCIN M., DE
[72] GULOW, KARSTEN, DE
[72] SAUER, SVEN W., DE
[73] DEUTSCHES KREBSFORSCHUNGSZENTRUM, DE
[85] 2013-12-05
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[25] EN
[54] METHOD AND DEVICE FOR CLEANING AN EXTRUSION HEAD
[54] PROCEDE ET DISPOSITIF POUR LE NETTOYAGE D'UNE TETE D'EXTRUSION
[72] KEUSCH, STEFAN, DE
[72] SCHULLER, FRANK, DE
[73] MAUSER-WERKE GMBH, DE
[85] 2013-12-06
[86] 2011-06-07 (PCT/EP2011/002781)
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[72] FOLLSTAD, BRIAN D., US
[72] MCCOY, REBECCA E., US
[72] MORRIS, ARVIA E., US
[73] AMGEN INC., US
[85] 2013-12-05
[86] 2012-06-29 (PCT/US2012/045070)
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[51] Int.Cl. A61F 13/15 (2006.01)
[25] EN
[54] METHOD AND APPARATUS FOR MAKING ABSORBENT STRUCTURES WITH ABSORBENT MATERIAL
[54] PROCEDE ET APPAREIL (1) DE FABRICATION DE STRUCTURES ABSORBANTES AVEC MATIERE ABSORBANTE
[72] JACKELS, HANS ADOLF, DE
[72] KREUZER, CARSTEN HEINRICH, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2013-12-06
[86] 2012-06-04 (PCT/US2012/040707)
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[54] **HALOGEN-FREE FLAME-RETARDANT POLYMER COMPOSITION COMPRISING PIPERAZINE BASED INTUMESCENT FLAME RETARDANT**
[54] **COMPOSITION POLYMERE IGNIFUGE EXEMPTE D'HALOGENE COMPORTANT UN AGENT IGNIFUGEANT INTUMESCENT A BASE DE PIPERAZINE**
[72] YU, BRIAN, CN
[72] SUN, YABIN, CN
[72] ZHU, JOURNEY LU, CN
[72] YAN, WILSON XIAO WEI, CN
[72] GUO, DAVID HONG FEI, US
[72] CHEN, JING GIVEN, CN
[72] CAO, YU RONG, CN
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **LIQUID CLEANING AND/OR CLEANSING COMPOSITION**
[54] **COMPOSITION LIQUIDE DE NETTOYAGE ET/OU DE PURIFICATION**
[72] GONZALES, DENIS ALFRED, BE
[72] DKIDAK, AICHA, BE
[72] JAMES, MARTIN IAN, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **SATURATED WATER GENERATING DEVICE**
[54] **DISPOSITIF DE PRODUCTION D'EAU SATUREE**
[72] LIU, GUIWEN, CN
[72] YANG, MINGJUN, CN
[72] HUANG, JINQUAN, CN
[73] TAIZHOU DAJIANG INDUSTRY CO., LTD., CN
[86] (2840904)
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[54] **EXPANDABLE MEDICAL DEVICES**
[54] **DISPOSITIFS MEDICAUX EXPANSIBLES**
[72] CAMPBELL, CAREY V., US
[72] HARTMAN, CODY L., US
[73] W. L. GORE & ASSOCIATES, INC., US
[85] 2014-01-13
[86] 2012-07-10 (PCT/US2012/046041)
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[25] EN
[54] **MECHANISM AND CHAIR FOR POWERED COMBINED AND INDEPENDENT SEAT BACK AND LEG REST MOTION**
[54] **MECANISME ET SIEGE POUR MOUVEMENTS DE REPOSE-JAMBES ET DE DOSSIER DE SIEGE COMBINES ET INDEPENDANTS**
[72] MARSHALL, RICHARD E., US
[72] COLE, EUGENE, II, US
[72] LAPOINTE, LARRY P., US
[72] ADAMS, CHAD E., US
[73] LA-Z-BOY INCORPORATED, US
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[25] EN
[54] **AIRCRAFT LOCATION SYSTEM FOR LOCATING AIRCRAFT IN WATER ENVIRONMENTS**
[54] **SYSTEME DE LOCALISATION D'AERONEF PERMETTANT DE LOCALISER UN AERONEF DANS DES ENVIRONNEMENTS AQUEUX**
[72] HUSKAMP, CHRISTOPHER S., US
[72] GORSIC, BONNIE L., US
[73] THE BOEING COMPANY, US
[85] 2014-01-29
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[25] EN
[54] **GRANULATION METHOD AND SYSTEM**
[54] **PROCEDE ET SYSTEME DE GRANULATION**
[72] FORSYTHE, PHILLIP, US
[72] JONES, CHRISTOPHER, US
[72] GREEN, JOSHUA, US
[73] NOUS, LLC, US
[86] (2844198)
[87] (2844198)
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[54] **HOSE CLAMP**
[54] **COLLIER DE SERRAGE**
[72] MIESSMER, STEFAN, CH
[73] OETIKER SCHWEIZ AG, CH
[85] 2014-02-10
[86] 2011-09-06 (PCT/EP2011/004482)
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[25] EN
[54] **RETROREFLECTIVE HEATER**
[54] **DISPOSITIF DE CHAUFFAGE RETRO-REFLECHISSANT**
[72] TILLOTSON, BRIAN J., US
[72] HARRIS, ZACH J., US
[73] THE BOEING COMPANY, US
[86] (2845167)
[87] (2845167)
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[54] **HINGE MECHANISM WITH NON-CYLINDRICAL PIN**
[54] **MECANISME DE CHARNIERE AVEC BROCHE NON CYLINDRIQUE**
[72] OLARTE, ALVARO MAURICIO, US
[73] SERIES INTERNATIONAL LLC, US
[85] 2014-03-03
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[54] **ELECTRONIC TORQUE TOOL WITH INTEGRATED REAL-TIME CLOCK**
[54] **CLE DYNAMOMETRIQUE ELECTRONIQUE A HORLOGE EN TEMPS REEL INTEGREE**
[72] LI, JIE, US
[72] KING, JERRY A., US
[72] LAWTON, CHRIS, US
[72] LEE, NATHAN J., US
[72] LOBO, ANDREW R., US
[73] SNAP-ON INCORPORATED, US
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[87] (2849801)
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[25] EN
[54] **METHOD FOR REDUCING HYDROGEN SULFIDE EVOLUTION FROM ASPHALT AND HEAVY FUEL OILS SULFIDE EVOLUTION FROM ASPHALT AND HEAVY FUEL OILS**
[54] **PROCEDE DE REDUCTION DU DEGAGEMENT DE SULFURE D'HYDROGENE DE L'ASPHALTE ET DES FUELS-OILS LOURDS ET DU DEGAGEMENT DE SULFURE DE L'ASPHALTE ET DES FUEL-OILS LOURDS**
[72] STARK, JOSEPH L., US
[72] DRAPER, JENNIFER D., US
[72] BIGGERSTAFF, PAUL J., US
[72] WOLFE, DONALD L., US
[73] BAKER HUGHES INCORPORATED, US
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[54] **LARGE SCREEN DISPLAY DRIVE MECHANISM AND TRUSS**
[54] **MECANISME DE COMMANDE D'AFFICHAGE SUR GRAND ECRAN ET SUPPORT ASSOCIE**
[72] DODD, MARK C., US
[73] TYLER TRUSS SYSTEMS, INC., US
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[54] **METHODS AND SYSTEMS FOR EFFICIENT PROCESSING OF BIOLOGICAL SAMPLES**
[54] **PROCEDES ET SYSTEMES POUR LE TRAITEMENT EFFICACE D'ECHANTILLONS BIOLOGIQUES**
[72] BARKER, STEPHEN, US
[72] AVANTSA, SARADHA, US
[73] BIOCARE MEDICAL, LLC, US
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[25] EN
[54] **SYSTEMS FOR ISOTROPIC QUANTIZATION SORTING OF AUTOMOBILE SHREDDER RESIDUE TO ENHANCE RECOVERY OF RECYCLABLE RESOURCES**
[54] **SYSTEMES POUR LE TRI PAR QUANTIFICATION ISOTROPE DE RESIDUS DE BROYEURS AUTOMOBILES POUR AMELIORER LA RECUPERATION DES RESSOURCES RECYCLABLES**
[72] ANDERSEN, DEAN R., US
[73] IQASR, LLC, US
[85] 2014-04-09
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[25] EN
[54] **COMPOSITIONS COMPRISING SALBUTAMOL SULPHATE**
[54] **COMPOSITIONS CONTENANT DU SULFATE DE SALBUTAMOL**
[72] CORR, STUART, GB
[72] NOAKES, TIMOTHY JAMES, GB
[73] MEXICHEM AMANCO HOLDING S.A. DE C.V., MX
[85] 2014-04-10
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[54] **FACILITATING INSTALLATION OF A CONTROLLER AND/OR MAINTENANCE OF A CLIMATE CONTROL SYSTEM**
[54] **FACILITATION DE L'INSTALLATION D'UN CONTROLEUR OU DE L'ENTRETIEN D'UN SYSTEME DE REGULATION DE CLIMATISATION**
[72] LORENZ, THOMAS, B., US
[72] RYLSKI, ERICK, O., US
[72] SNOW, DENNIS, US
[73] EMERSON ELECTRIC CO., US
[86] (2852284)
[87] (2852284)
[22] 2014-05-23
[30] US (61/827,517) 2013-05-24
[30] US (61/843,508) 2013-07-08
[30] US (61/929,433) 2014-01-20
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[54] **MATERIAU A BASE D'ACIER SOUDABLE**
[72] FUKUNAGA, KAZUHIRO, JP
[72] WATANABE, YOSHIYUKI, JP
[72] USUI, SHINSUKE, JP
[72] CHIJIIWA, RIKIO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-04-30
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[54] **STRUCTURES PORTEUSES POUR MOTEURS D'AVIONS ET PROCESSUS ASSOCIES**
[72] WOLFE, JARED MATTHEW, US
[72] KOSTKA, JAMES MICHAEL, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-05-02
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[25] EN
[54] **SURFACE ACOUSTIC WAVE SENSOR**
[54] **CAPTEUR D'ONDE ACOUSTIQUE DE SURFACE**
[72] KOGAI, TAKASHI, JP
[72] YATSUDA, HIROMI, JP
[73] JAPAN RADIO CO., LTD., JP
[85] 2014-04-30
[86] 2012-11-01 (PCT/JP2012/078338)
[87] (WO2013/065789)
[30] JP (2011-240492) 2011-11-01
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[51] **Int.Cl. G06F 3/0354 (2013.01) G06F 3/038 (2013.01) G06F 3/041 (2006.01) G07F 7/00 (2006.01)**
[25] EN
[54] **COMBINED RADIO-FREQUENCY IDENTIFICATION AND TOUCH INPUT FOR A TOUCH SCREEN**
[54] **IDENTIFICATION RADIOFREQUENCE ET ENTREE TACTILE COMBINEES POUR ECRAN TACTILE**
[72] FROJDH, GUNNAR MARTIN, SE
[73] NEONODE INC., US
[85] 2014-06-05
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[30] US (61/584,914) 2012-01-10

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[51] **Int.Cl. B02C 15/00 (2006.01) B02C 15/04 (2006.01) F16F 7/02 (2006.01) F16F 7/04 (2006.01)**
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[54] **VIBRATION DAMPENING BASE ASSEMBLY FOR A GRINDING MILL**
[54] **ENSEMBLE DE BASE D'AMORTISSEMENT DES VIBRATIONS POUR UN BROYEUR**
[72] NELSON, WALTER ANDREW, US
[72] HOAG, JAMES RAYMOND, US
[73] ARVOS INC., US
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[25] EN
[54] **SYSTEM AND METHOD FOR TOY ADOPTION AND MARKETING**
[54] **SYSTEME ET PROCEDE DE COMMERCIALISATION ET D'ADOPTION DE JOUETS**
[72] GANZ, HOWARD, CA
[73] GANZ, AN ONTARIO PARTNERSHIP CONSISTING OF S.H. GANZ HOLDINGS INC. AND 816877 ONTARIO LIMITED, CA
[86] (2859622)
[87] (2859622)
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[54] **CAMPTOTHECIN-BINDING MOIETY CONJUGATES**
[54] **CONJUGUES A FRACTION DE LIAISON A LA CAMPTOTHECINE**
[72] GOVINDAN, SERENGULAM, US
[73] IMMUNOMEDICS, INC., US
[86] (2860175)
[87] (2860175)
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[25] EN
[54] **SYSTEM FOR POWER CONTROL IN CELLS FOR ELECTROLYTIC RECOVERY OF A METAL**
[54] **SYSTEME POUR LA COMMANDE DE PUISSANCE DANS DES CELLULES POUR LA RECUPERATION ELECTROLYTIQUE D'UN METAL**
[72] GRANT, DUNCAN, GB
[72] BARKER, MICHAEL H., FI
[72] VIRTANEN, HENRY K., FI
[73] OUTOTEC (FINLAND) OY, FI
[85] 2014-07-07
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[54] **IN-SITU ROCK TESTING TOOL**
[54] **OUTIL D'ESSAI DE ROCHE IN SITU**
[72] FEHR, CORY, CA
[73] 1464684 ALBERTA LIMITED O/A INTEGRITY INSITU, CA
[86] (2861774)
[87] (2861774)
[22] 2014-08-29
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[51] **Int.Cl. E21B 10/46 (2006.01) E21B 10/43 (2006.01)**
[25] EN
[54] **SUPERABRASIVE-IMPREGNATED EARTH-BORING TOOLS WITH EXTENDED FEATURES AND AGGRESSIVE COMPOSITIONS, AND RELATED METHODS**
[54] **OUTILS DE FORAGE IMPREGNES DE PARTICULES SUPERABRASIVES DOTES D'ELEMENTS ETENDUS ET DE COMPOSITIONS AGRESSIVES, ET PROCEDES ASSOCIES**
[72] CLEBOSKI, CHRISTOPHER, US
[72] DONALD, SCOTT F., US
[73] BAKER HUGHES INCORPORATED, US
[85] 2014-07-18
[86] 2013-01-17 (PCT/US2013/021797)
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[25] EN
[54] **METHOD FOR PREPARING AMORPHOUS IRON OXIDE HYDROXIDE**
[54] **PROCEDE DE PREPARATION D'OXYDE HYDROXYDE DE FER AMORPHE**
[72] WANG, LIXIAN, CN
[72] LIU, ZHENYI, CN
[73] BEIJING SJ ENVIRONMENTAL PROTECTION AND NEW MATERIAL CO., LTD., CN
[85] 2014-06-27
[86] 2012-05-21 (PCT/CN2012/075834)
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[25] EN
[54] **METHODS FOR PROCESSING A BITUMINOUS FEED**
[54] **PROCEDE DE TRAITEMENT DE MATIERE PREMIERE BITUMINEUSE**
[72] CHEN, CHIEN-CHIANG, US
[72] BOHRA, LALIT KUMAR, US
[72] ADEYINKA, OLUSOLA B., CA
[72] TANAKA, PAUL L., US
[72] ABEL, KEITH A., CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[87] (2863488)
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[54] **TREATMENT CATHETER MEMBER WITH ENCIRCLING FUNCTION**
[54] **ELEMENT DE CATHETER DE TRAITEMENT A FONCTION DE CERCLAGE**
[72] BORTLEIN, GEORG, FR
[72] NASR, MALEK, FR
[73] HIGHLIFE SAS, FR
[85] 2014-08-01
[86] 2013-03-05 (PCT/EP2013/054442)
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[54] **A SCAFFOLD WITH AN AUTOMATIC INSTALLATION CHARACTERISTIC**
[54] **ECHAFAUDAGE AYANT UNE CARACTERISTIQUE D'INSTALLATION AUTOMATIQUE**
[72] FENERCI, ABDURRAHMAN MURAT, TR
[73] FENERCI, ABDURRAHMAN MURAT, TR
[85] 2014-08-05
[86] 2013-01-16 (PCT/TR2013/000004)
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[25] EN
[54] **INLET SYSTEM HAVING DUAL INLETS**
[54] **SYSTEME D'ADMISSION COMPORTANT DES ENTREES DOUBLES**
[72] WILLIE, ROBERT HENRY, US
[72] TRETOW, PAUL R., US
[73] THE BOEING COMPANY, US
[86] (2863914)
[87] (2863914)
[22] 2014-09-11
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[25] EN
[54] **LATCH ASSEMBLY**
[54] **ENSEMBLE TAQUET**
[72] TREVINO, JOSE A., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2014-08-07
[86] 2013-02-22 (PCT/US2013/027495)
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[25] EN
[54] **AUTOPHAGY-INDUCING PEPTIDE**
[54] **PEPTIDE INDUISANT UNE AUTOPHAGIE**
[72] LEVINE, BETH C., US
[72] SHOJI-KAWATA, SANAE, US
[72] LICHTARGE, OLIVIER, US
[72] WILKINS, ANGELA D., US
[73] BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM, US
[73] BAYLOR COLLEGE OF MEDICINE, US
[85] 2014-08-08
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[25] EN
[54] **PLATE HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR A PLAQUES**
[72] SJODIN, PER, SE
[72] WALTER, KRISTIAN, SE
[73] ALFA LAVAL CORPORATE AB, SE
[85] 2014-08-08
[86] 2013-03-27 (PCT/EP2013/056604)
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[25] EN
[54] **METHOD FOR MAKING OF PAPER, TISSUE, BOARD OR THE LIKE**
[54] **PROCEDE POUR LA FABRICATION DE PAPIER, DE MOUCHOIRS EN PAPIER, DE CARTON OU ANALOGUE**
[72] HIETANIEMI, MATTI, FI
[72] STRENGELL, KIMMO, FI
[72] KARPPI, ASKO, FI
[72] KOLARI, MARKO, FI
[72] EKMAN, JAAKKO, FI
[73] KEMIRA OYJ, FI
[85] 2014-08-18
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[51] **Int.Cl. A61F 13/496 (2006.01) A61F 13/15 (2006.01)**
[25] EN
[54] **APPARATUSES AND METHODS FOR SEAMING SUBSTRATES**
[54] **APPAREILS ET PROCEDES POUR ASSEMBLER DES SUBSTRATS**
[72] SCHNEIDER, UWE, US
[72] BLESSING, HORST, US
[72] JACKELS, HANS ADOLF, DE
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2014-08-20
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[25] EN
[54] **NEAR-FIELD CONNECTIVITY FOR HOSTED PAYLOADS**
[54] **CONNECTIVITE EN CHAMP PROCHE POUR CHARGES UTILES HEBERGEES**
[72] BURCH, RONALD W., US
[73] THE BOEING COMPANY, US
[86] (2865354)
[87] (2865354)
[22] 2014-09-29
[30] US (14/097,667) 2013-12-05

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[51] **Int.Cl. G01V 9/00 (2006.01) G06F 17/18 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **METHOD FOR ANALYSIS OF RELEVANCE AND INTERDEPENDENCIES IN GEOSCIENCE DATA**
[54] **PROCEDE D'ANALYSE DE PERTINENCE ET D'INTERDEPENDANCES DANS DES DONNEES DE GEOSCIENCES**
[72] PAIVA, ANTONIO R.C., US
[72] CASEY, MATTHEW, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-09-11
[86] 2013-03-15 (PCT/US2013/032549)
[87] (WO2013/176771)
[30] US (61/650,927) 2012-05-23

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[51] **Int.Cl. H04W 28/06 (2009.01)**
[25] EN
[54] **HANDLING PACKET DATA CONVERGENCE PROTOCOL DATA UNITS**
[54] **GESTION D'UNITES DE DONNEES DE PROTOCOLE DE CONVERGENCE DE DONNEES PAR PAQUETS**
[72] CELIK, ZAHIDE OZLEM, GB
[72] BILGIN, MEHMET, GB
[73] BLACKBERRY LIMITED, CA
[85] 2014-09-12
[86] 2013-03-15 (PCT/GB2013/050642)
[87] (WO2013/140138)
[30] US (13/423,210) 2012-03-17

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[51] **Int.Cl. A61B 6/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR OBTAINING VASODILATION DATA REPRESENTING CUTANEOUS LOCAL THERMAL HYPEREMIA RESPONSE OF A SUBJECT**
[54] **METHODE ET APPAREIL D'OBTENTION DE DONNEES RELATIVES A LA VASODILATATION REPRESENTANT UNE REPONSE D'HYPEREMIE THERMIQUE LOCALE CUTANEE D'UN SUJET**
[72] HUANG, CHUNG-SHIN, CN
[72] TSAI, YUAN-FEEN, CN
[72] WANG, SHWU-FEN, CN
[73] NEW CHINESE BIOTECHNOLOGY CORPORATION LTD., TW
[85] 2014-09-19
[86] 2013-03-26 (PCT/CN2013/073205)
[87] (WO2013/143444)
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[51] **Int.Cl. H04L 12/22 (2006.01) G06F 21/55 (2013.01) H04L 12/751 (2013.01) H04L 12/26 (2006.01)**
[25] EN
[54] **ANOMALY DETECTION TO IDENTIFY COORDINATED GROUP ATTACKS IN COMPUTER NETWORKS**
[54] **DETECTION D'ANOMALIES PERMETTANT D'IDENTIFIER DES ATTAQUES GROUPEES COORDONNEES DANS DES RESEAUX INFORMATIQUES**
[72] NEIL, JOSHUA CHARLES, US
[72] TURCOTTE, MELISSA, GB
[72] HEARD, NICHOLAS ANDREW, GB
[73] LOS ALAMOS NATIONAL SECURITY, LLC, US
[73] IMPERIAL INNOVATIONS LIMITED, GB
[85] 2014-09-19
[86] 2013-03-14 (PCT/US2013/031463)
[87] (WO2013/184211)
[30] US (61/614,148) 2012-03-22

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[51] **Int.Cl. B64D 11/06 (2006.01)**
[25] EN
[54] **CANTILEVERED TRAY TABLE AND AIRCRAFT PASSENGER SUITE INCLUDING THE SAME**
[54] **TABLE A PLATEAU EN PORTE-A-FAUX ET SUITE DE PASSAGER D'AERONEF LA COMPRENANT**
[72] HENSHAW, ROBERT J., US
[72] STEPHENS, BENJAMIN D., US
[72] GARING, FRANCIS X., US
[72] POZZI, ALEXANDER NICHOLAS, US
[72] JOHNSON, GLENN ALLEN, US
[73] B/E AEROSPACE, INC., US
[85] 2014-09-22
[86] 2013-03-13 (PCT/US2013/030785)
[87] (WO2013/142183)
[30] US (61/614,042) 2012-03-22
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[51] **Int.Cl. A24D 1/02 (2006.01)**
[25] EN
[54] **SMOKING ARTICLES**
[54] **ARTICLES A FUMER**
[72] DITTRICH, DAVID JOHN, GB
[72] BEVAN, MIKE, GB
[72] RUSHFORTH, DAVID, GB
[72] LEWIS, DAVID, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2014-09-23
[86] 2013-04-24 (PCT/GB2013/051031)
[87] (WO2013/160671)
[30] GB (1207211.2) 2012-04-25

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[51] **Int.Cl. E21B 33/038 (2006.01) F16L 37/00 (2006.01)**
[25] EN
[54] **WELLSITE CONNECTOR WITH PISTON DRIVEN COLLETS AND METHOD OF USING SAME**
[54] **CONNECTEUR DE SITE DE FORAGE A PINCES DE SERRAGE ENTRAINES PAR PISTON ET SON PROCEDE D'UTILISATION**
[72] JAHNKE, DOUGLAS A., US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2014-09-24
[86] 2013-04-04 (PCT/US2013/035269)
[87] (WO2013/152187)
[30] US (61/620,514) 2012-04-05
[30] US (61/623,020) 2012-04-11

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[51] **Int.Cl. E21B 33/06 (2006.01)**
[25] EN
[54] **BLOWOUT PREVENTER SEAL ASSEMBLY AND METHOD OF USING SAME**
[54] **ENSEMBLE JOINT POUR OBTURATEUR ANTIERUPTION ET PROCEDE D'UTILISATION DE CELUI-CI**
[72] JAHNKE, DOUGLAS A., US
[73] NATIONAL OILWELL VARCO, L.P., US
[85] 2014-09-25
[86] 2013-04-10 (PCT/US2013/035990)
[87] (WO2013/155191)
[30] US (61/622,426) 2012-04-10

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[51] **Int.Cl. B60K 1/04 (2006.01) B60S 5/06 (2006.01) H01M 2/10 (2006.01)**
[25] EN
[54] **REMOVABLE BATTERY FIXING ASSEMBLY OF ELECTRIC VEHICLE AND FIXING METHOD THEREOF**
[54] **ENSEMBLE DE DISPOSITIFS DE FIXATION POUR UNE BATTERIE AMOVIBLE D'UN VEHICULE ELECTRIQUE ET PROCEDE DE VERROUILLAGE DE CE DERNIER**
[72] WEN, CHUNG-WEI, CN
[73] ALEEES ECO ARK (CAYMAN) CO. LTD., KY
[85] 2014-09-26
[86] 2013-03-27 (PCT/CN2013/073265)
[87] (WO2013/143460)
[30] US (61/616,045) 2012-03-27

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[51] **Int.Cl. F16L 59/14 (2006.01) F16L 59/10 (2006.01)**
[25] EN
[54] **ENCAPSULATED INSULATION**
[54] **ISOLATION ENCAPSULEE**
[72] ZETTELL, ADRIAN WILLIAM, US
[73] DRAGON GROUP LLC, US
[86] (2868715)
[87] (2868715)
[22] 2014-10-24
[30] US (61/895,869) 2013-10-25

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[51] **Int.Cl. F23R 3/04 (2006.01) F23C 7/02 (2006.01) F23C 9/08 (2006.01) F23R 3/28 (2006.01)**
[25] EN
[54] **TURBOMACHINE COMBUSTOR ASSEMBLY**
[54] **ENSEMBLE A DISPOSITIF COMBUSTOR DE TURBOMACHINES**
[72] SOKOLOV, ALEXANDER NIKOLAY, RU
[72] TRETYAKOV, DMITRY VLADIMIROVICH, RU
[72] SLOBODYANSKIY, ILYA ALEKSANDROVICH, US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2014-09-26
[86] 2012-03-29 (PCT/RU2012/000232)
[87] (WO2013/147633)

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[51] **Int.Cl. F17C 5/06 (2006.01)**
[25] EN
[54] **ACTIVE PRESSURE AND FLOW REGULATION SYSTEM**
[54] **SYSTEME ACTIF DE REGULATION DE DEBIT ET DE PRESSION**
[72] CALVIN, EDWARD A., US
[72] WILSON, WESLEY W., US
[73] INTEGRYS TRANSPORTATION FUELS, LLC, US
[86] (2868734)
[87] (2868734)
[22] 2014-10-29
[30] US (61/899,348) 2013-11-04
[30] US (14/517,476) 2014-10-17

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[13] C
[51] **Int.Cl. E21B 43/16 (2006.01)**
[25] EN
[54] **MEMBER FOR HYDROCARBON RESOURCE COLLECTION DOWNHOLE TOOL**
[54] **ELEMENT DESTINE A UN OUTIL DE COLLECTE DE RESSOURCE D'HYDROCARBURE EN FOND DE PUITS**
[72] OKURA, MASAYUKI, JP
[72] SAIJO, HIKARU, JP
[72] YOSHIDA, KATSUMI, JP
[72] SATO, HIROYUKI, JP
[73] KUREHA CORPORATION, JP
[85] 2014-09-29
[86] 2013-04-12 (PCT/JP2013/061075)
[87] (WO2013/183363)
[30] JP (2012-130055) 2012-06-07

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[13] C
[51] **Int.Cl. B25J 9/18 (2006.01) G01D 21/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **ADAPTIVE MAPPING WITH SPATIAL SUMMARIES OF SENSOR DATA**
[54] **CARTOGRAPHIE ADAPTATIVE AVEC RESUMES SPATIAUX DE DONNEES DE CAPTEUR**
[72] FONG, PHILIP, US
[72] EADE, ETHAN, US
[72] MUNICH, MARIO E., US
[73] IROBOT CORPORATION, US
[85] 2014-10-09
[86] 2013-09-23 (PCT/US2013/061208)
[87] (WO2014/055278)
[30] US (13/632,997) 2012-10-01

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[51] **Int.Cl. B65D 33/00 (2006.01)**
[25] EN
[54] **GIFT BAG WITH MOTORIZED EFFECTS**
[54] **SAC-CADEAU A EFFETS MOTORISES**
[72] MAYER, DAVID, US
[72] LIUZZI, DAN, US
[73] AMERICAN GREETINGS CORPORATION, US
[86] (2870415)
[87] (2870415)
[22] 2014-11-07
[30] US (61/902,496) 2013-11-11
[30] US (14/535,129) 2014-11-06

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[13] C
[51] **Int.Cl. B26D 1/36 (2006.01) B26D 3/00 (2006.01) B26D 3/26 (2006.01)**
[25] EN
[54] **METHODS AND EQUIPMENT FOR CUTTING FOOD PRODUCTS**
[54] **PROCEDES ET EQUIPEMENT PERMETTANT DE DECOUPER DES PRODUITS ALIMENTAIRES**
[72] KING, DANIEL WADE, US
[72] JACKO, MICHAEL SCOT, US
[72] MAHAFFEY, THOMAS R., II, US
[73] URSCHEL LABORATORIES, INC., US
[85] 2014-10-15
[86] 2013-04-23 (PCT/US2013/037832)
[87] (WO2013/163209)
[30] US (61/636,769) 2012-04-23

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[13] C
[51] **Int.Cl. F02C 7/24 (2006.01)**
[25] EN
[54] **HIGH PRESSURE MUFFLING DEVICES**
[54] **DISPOSITIFS DE SILENCIEUX HAUTE PRESSION**
[72] POTOKAR, CHRISTOPHER JON, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-16
[86] 2013-03-27 (PCT/US2013/033977)
[87] (WO2014/018126)
[30] US (13/453,388) 2012-04-23

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[13] C
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[25] EN
[54] **AIR ACCELERATOR ON TIE ROD WITHIN TURBINE DISK BORE**
[54] **ACCELERATEUR D'AIR SUR LE TIRANT D'ASSEMBLAGE A L'INTERIEUR D'UN ALESAGE DE DISQUE DE TURBINE**
[72] VON DER ESCH, ROBERT CLAYTON, US
[72] PEPI, JASON FRANCIS, US
[72] NORCOTT, KEVIN PATRICK, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-16
[86] 2013-04-26 (PCT/US2013/038330)
[87] (WO2014/014535)
[30] US (61/639,429) 2012-04-27

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[13] C
[51] **Int.Cl. F01D 11/00 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **SHROUD ASSEMBLY AND SEAL FOR A GAS TURBINE ENGINE**
[54] **ENSEMBLE CARENAGE ET JOINT D'ETANCHEITE POUR MOTEUR DE TURBINE A GAZ**
[72] BALDIGA, JONATHAN DAVID, US
[72] LENIHAN, MEGHAN MARY, US
[72] SHAPIRO, JASON DAVID, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-16
[86] 2013-04-26 (PCT/US2013/038346)
[87] (WO2013/163505)
[30] US (61/639,416) 2012-04-27

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[13] C
[51] **Int.Cl. F01D 9/06 (2006.01) F01D 25/18 (2006.01) F01D 25/26 (2006.01)**
[25] EN
[54] **HALF-SPOOLIE METAL SEAL INTEGRAL WITH TUBE**
[54] **JOINT METALLIQUE PRESENTANT LA FORME D'UN DEMI-TUBE CREUX FORME D'UNE SEULE PIECE AVEC UN TUBE**
[72] DEANE, ERIC RYAN, US
[72] REMER, JONATHAN K., US
[72] SEAL, JACOB ALLEN, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-10-16
[86] 2013-04-18 (PCT/US2013/037069)
[87] (WO2013/162982)
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[51] **Int.Cl. G01F 11/02 (2006.01)**
[25] EN
[54] **CARTRIDGE FOR DISPENSING A FLUID**
[54] **CARTOUCHE POUR DISTRIBUER UN FLUIDE**
[72] BOHM, CHRISTOPH, DE
[72] KUPSER, PETER, DE
[72] ORANTH, NORBERT, DE
[72] SPINKE, JURGEN, DE
[72] BRUCKNER, THORSTEN, DE
[72] KLEIN, TIMO, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-10-29
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[87] (WO2013/167209)
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[51] **Int.Cl. B61F 5/14 (2006.01) B61D 3/10 (2006.01) B61D 3/18 (2006.01) B61F 5/04 (2006.01) B61F 5/12 (2006.01)**
[25] EN
[54] **RAIL ROAD CAR TRUCK WITH ROCKING SIDEFRAME**
[54] **BOGIE DE CHEMIN DE FER COMPORTANT UN CHASSIS LATERAL OSCILLANT**
[72] FORBES, JAMES W., CA
[73] NATIONAL STEEL CAR LIMITED, CA
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[25] EN
[54] **PROVIDING WIRELESS NETWORK AUTHENTICATION DATA TO CLIMATE CONTROL SYSTEM DEVICES**
[54] **FOURNITURE DE DONNEES D'AUTHENTIFICATION DE RESEAU MOBILE AUX APPAREILS DE SYSTEME DE REGULATION DE CONDITIONNEMENT D'AIR**
[72] RAMACHANDRAN, ANIL, US
[73] EMERSON ELECTRIC CO., US
[86] (2873008)
[87] (2873008)
[22] 2014-12-02
[30] US (61/911,243) 2013-12-03
[30] US (61/911,251) 2013-12-03
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[51] **Int.Cl. H01M 10/44 (2006.01) H01M 10/613 (2014.01) H01M 10/6554 (2014.01)**
[25] EN
[54] **SECONDARY BATTERY WITH AN OVERCHARGE PROTECTION DEVICE**
[54] **BATTERIE SECONDAIRE AVEC DISPOSITIF DE PROTECTION CONTRE LA SURCHARGE**
[72] WU, DONALD P. H., TW
[73] ENERGY CONTROL LIMITED, VG
[86] (2875282)
[87] (2875282)
[22] 2014-12-18
[30] TW (103114358) 2014-04-21

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[13] C
[51] **Int.Cl. G08G 1/087 (2006.01)**
[25] EN
[54] **FIELD OF VIEW TRAFFIC SIGNAL PREEMPTION**
[54] **COMMANDE PRIORITAIRE DE FEUX DE CIRCULATION DE CHAMP DE VISION**
[72] EICHHORST, KEVIN CLARE, US
[73] GLOBAL TRAFFIC TECHNOLOGIES, LLC, US
[85] 2014-12-03
[86] 2013-05-28 (PCT/US2013/042865)
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[51] **Int.Cl. A61F 2/966 (2013.01) A61F 2/24 (2006.01)**
[25] EN
[54] **LOW PROFILE HEART VALVE DELIVERY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE MISE EN PLACE DE VALVULE CARDIAQUE, A PROFIL BAS**
[72] ZHOU, PU, US
[72] WANG, HUISUN, US
[72] FENG, JAMES Q., US
[73] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2014-12-03
[86] 2013-07-11 (PCT/US2013/050087)
[87] (WO2014/011888)
[30] US (61/670,776) 2012-07-12

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[13] C
[51] **Int.Cl. F16K 11/085 (2006.01) B01F 5/10 (2006.01) F16K 11/076 (2006.01)**
[25] FR
[54] **DIRECTIONAL CONTROL VALVE FOR FLUID AND DEVICE FOR IN-SITU RECONSTITUTION AND ADMINISTERING**
[54] **DISTRIBUTEUR FLUIDIQUE ET DISPOSITIF DE RECONSTITUTION IN SITU ET D'ADMINISTRATION**
[72] WATTELLIER, ARNAUD, FR
[72] DEHAN, CHRISTOPHE, FR
[73] EVEON, FR
[85] 2014-12-08
[86] 2013-05-14 (PCT/FR2013/051047)
[87] (WO2014/016479)
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[25] EN
[54] **ROTATING CONTROL DEVICE HAVING JUMPER FOR RISER AUXILIARY LINE**
[54] **DISPOSITIF ROTATIF DE COMMANDE MUNI D'UNE BRETELLE POUR CONDUITE AUXILIAIRE DE RISER**
[72] WAGONER, DANNY W., US
[72] THOMSON, GORDON, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2878557)
[87] (2878557)
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[30] US (61/929,342) 2014-01-20
[30] US (14/593,329) 2015-01-09

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[25] EN
[54] **THERMAL DIAGNOSTIC FOR SINGLE-CRYSTAL PROCESS FLUID PRESSURE SENSOR**
[54] **DIAGNOSTIC THERMIQUE POUR CAPTEUR DE PRESSION DE FLUIDE DE TRAITEMENT A CRISTAL UNIQUE**
[72] HEDTKE, ROBERT C., US
[73] ROSEMOUNT INC., US
[85] 2015-01-12
[86] 2013-06-21 (PCT/US2013/047005)
[87] (WO2014/025463)
[30] US (13/569,894) 2012-08-08

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[25] EN
[54] **INFLUENZA HEMAGGLUTININ AND NEURAMINIDASE VARIANTS**
[54] **VARIANTES HEMAGGLUTININE ET NEURAMINIDASE DE LA GRIPPE**
[72] YANG, CHEN-FEN, US
[72] KEMBLE, GEORGE, US
[72] SUBBARAO, KANTA, US
[72] MURPHY, BRIAN, US
[73] THE GOVERNMENT OF THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY OF THE DEPARTMENT OF HEALTH SERVICES, NATIONAL INSTITUTES OF HEALTH, US
[73] MEDIMMUNE, LLC, US
[86] (2879182)
[87] (2879182)
[22] 2005-05-20
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[51] **Int.Cl. C05G 3/00 (2006.01) C05C 1/00 (2006.01) C05C 3/00 (2006.01) C05C 9/00 (2006.01)**
[25] EN
[54] **SAFE BLENDS OF AMMONIUM NITRATE (AN) WITH UREA, OR OF AN AN-COMPRISING PRODUCT WITH A UREA-COMPRISING PRODUCT**
[54] **MELANGES SANS DANGER DE NITRATE D'AMMONIUM (NA) AVEC DE L'UREE OU D'UN PRODUIT COMPRENANT DU NA AVEC UN PRODUIT COMPRENANT DE L'UREE**
[72] LEDOUX, FRANCOIS, FR
[72] WINNE, ERIKA, BE
[72] NYGAARD, ERIK C., NO
[73] YARA INTERNATIONAL ASA, NO
[85] 2015-01-15
[86] 2013-08-28 (PCT/EP2013/067798)
[87] (WO2014/033159)
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[51] **Int.Cl. C08G 77/388 (2006.01) A61K 8/898 (2006.01) C08G 77/452 (2006.01)**
[25] EN
[54] **ORGANOPOLYSILOXANE POLYMERS**
[54] **POLYMERES ORGANOPOLYSILOXANES**
[72] SMITH, STEVEN DARYL, US
[72] MCCHAIN, ROBERT JOSEPH, US
[72] GIZAW, YONAS, US
[72] PANANDIKER, RAJAN KESHAV, US
[72] BARRERA, CAROLA, US
[73] THE PROCTER & GAMBLE COMPANY, US
[85] 2015-01-15
[86] 2013-07-29 (PCT/US2013/052585)
[87] (WO2014/018985)
[30] US (61/676,744) 2012-07-27
[30] US (61/763,066) 2013-02-11

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[13] C
[51] **Int.Cl. E04C 5/06 (2006.01) E04C 3/294 (2006.01) E04C 5/065 (2006.01)**
[25] EN
[54] **POINT-SUPPORTED ELEMENT OR FLAT CONCRETE CEILING**
[54] **DALLE EN BETON PLATE OU A ELEMENTS SOUTENUE PAR POINTS**
[72] BAUERMEISTER, ULRICH, DE
[72] FURCHE, JOHANNES, DE
[73] FILIGRAN TRAGERSYSTEME GMBH & CO. KG, DE
[85] 2015-01-23
[86] 2013-06-18 (PCT/EP2013/062555)
[87] (WO2014/026781)
[30] EP (12005851.6) 2012-08-13

[11] 2,879,957
[13] C
[51] **Int.Cl. F01N 3/08 (2006.01) F02D 41/04 (2006.01)**
[25] EN
[54] **EXHAUST GAS CONTROL APPARATUS FOR INTERNAL COMBUSTION ENGINE**
[54] **DISPOSITIF D'EPURATION D'ECHAPPEMENT DE MOTEUR A COMBUSTION INTERNE**
[72] BISAIJI, YUKI, JP
[72] YOSHIDA, KOHEI, JP
[72] SAKURAI, KENJI, JP
[72] NAKAMURA, KOHKI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[85] 2015-01-23
[86] 2012-07-27 (PCT/JP2012/069218)
[87] (WO2014/016965)

[11] 2,880,041
[13] C
[51] **Int.Cl. D21C 11/00 (2006.01) D21C 11/10 (2006.01) D21C 11/12 (2006.01)**
[25] EN
[54] **METHOD FOR RECOVERING PULPING CHEMICALS AND REDUCING THE CONCENTRATION OF POTASSIUM AND CHLORIDE THEREIN**
[54] **PROCEDE DE RECUPERATION DE PRODUITS CHIMIQUES DE REDUCTION DU BOIS EN PATE ET REDUCTION DE LA CONCENTRATION DE POTASSIUM ET DE CHLORURE DANS CEUX-CI**
[72] BEGLEY, MICHAEL, US
[72] GALLOT, JEAN-CLAUDE, US
[73] VEOLIA WATER TECHNOLOGIES, INC., US
[85] 2015-01-23
[86] 2013-07-03 (PCT/US2013/049293)
[87] (WO2014/018239)
[30] US (61/676,102) 2012-07-26
[30] US (13/709,140) 2012-12-10

[11] 2,880,392
[13] C
[51] **Int.Cl. E21B 47/008 (2012.01) E21B 43/12 (2006.01) F04B 47/02 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **HYDRAULIC OIL WELL PUMPING SYSTEM, AND METHOD FOR PUMPING HYDROCARBON FLUIDS FROM A WELLBORE**
[54] **DISPOSITIF DE POMPAGE HYDRAULIQUE DE PUITS DE PETROLE ET METHODE DE POMPAGE DE FLUIDES D'HYDROCARBURE D'UN TROU DE FORAGE**
[72] HODGES, CHRIS, US
[72] HANKERD, TIM, US
[72] TERRY, NATHAN, US
[72] PHILLIPS, WALTER, US
[72] MEHEGAN, LANCE, US
[73] HYDRAULIC ROD PUMPS, INTERNATIONAL, US
[86] (2880392)
[87] (2880392)
[22] 2013-09-12
[62] 2,826,593
[30] US (61/701,064) 2012-09-14
[30] US (14/023,229) 2013-09-10

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[51] **Int.Cl. C10M 163/00 (2006.01) C10M 125/02 (2006.01) C10M 125/18 (2006.01) C10M 129/40 (2006.01) C10M 133/42 (2006.01) C10M 159/02 (2006.01) C10M 159/04 (2006.01) C10M 159/24 (2006.01) F16L 15/04 (2006.01)**
[25] EN
[54] **TUBULAR THREADED JOINT AND LUBRICATING COATING FORMING COMPOSITION FOR USE THEREIN**
[54] **RACCORD FILETE TUBULAIRE ET COMPOSITION DE FORMATION DE FILM LUBRIFIANT UTILISEE POUR CELUI-CI**
[72] GOTO, KUNIO, JP
[72] TANAKA, YUUJI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2015-01-28
[86] 2013-07-31 (PCT/JP2013/070795)
[87] (WO2014/024755)
[30] JP (2012-174117) 2012-08-06

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[13] C
[51] **Int.Cl. B29D 99/00 (2010.01) B29C 33/38 (2006.01) B29C 33/54 (2006.01) B29C 70/44 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF WIND POWER INSTALLATION ROTOR BLADES AND FOR THE PRODUCTION OF A MOULD CORE FOR SAME**
[54] **PROCEDE DE FABRICATION DE PALES DE ROTOR D'EOLIENNE, ET PROCEDE DE FABRICATION D'UN NOYAU DE FORMAGE POUR CELLES-CI**
[72] KAMKE, INGO, DE
[72] SANFTLEBEN, RICO, DE
[73] WOBBEN PROPERTIES GMBH, DE
[85] 2015-02-04
[86] 2013-07-25 (PCT/EP2013/065689)
[87] (WO2014/044445)
[30] DE (10 2012 216 830.3) 2012-09-19

[11] 2,883,911
[13] C
[51] **Int.Cl. E04F 21/00 (2006.01) E04F 21/18 (2006.01)**
[25] EN
[54] **TILE SEPARATOR**
[54] **SEPARATEUR DE CARREAUX**
[72] GAMISANS BERENGUER, CARLES, ES
[72] DALMAU REQUEJO, XAVIER, ES
[72] ROSELLO GARGALLO, ALEX, ES
[73] GERMANS BOADA, S.A., ES
[85] 2015-03-03
[86] 2013-09-03 (PCT/ES2013/070615)
[87] (WO2014/037600)
[30] ES (U 201230933) 2012-09-07
[30] ES (U 201330521) 2013-04-30

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[51] **Int.Cl. G02B 6/12 (2006.01)**
[25] EN
[54] **OPTICAL MULTIPLEXER/DEMULTIPLEXER**
[54] **MULTIPLEXEUR/DEMULTIPLEXEUR OPTIQUE**
[72] OGUMA, MANABU, JP
[72] OGAWA, IKUO, JP
[72] DOI, YOSHIYUKI, JP
[72] ITOH, MASAYUKI, JP
[72] TAKAHASHI, HIROSHI, JP
[73] NIPPON TELEGRAPH AND TELEPHONE CORPORATION, JP
[85] 2015-03-06
[86] 2013-09-13 (PCT/JP2013/005463)
[87] (WO2014/041821)
[30] JP (2012-203265) 2012-09-14

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[13] C
[51] **Int.Cl. G01B 11/14 (2006.01) G01S 17/08 (2006.01)**
[25] EN
[54] **AIRCRAFT ENHANCED REFERENCE SYSTEM AND METHOD**
[54] **SYSTEME DE REFERENCE AMELIORE POUR AERONEF ET METHODE**
[72] MARSH, BOBBY JOE, US
[72] LAZAR, MICHAEL ANTHONY, US
[72] VANSCOTTER, KINSON D., US
[72] COOKE, BARRY THEOPHILE, US
[72] BODZIONY, LEONARD S., US
[72] COLEMAN, RICHARD M., US
[72] VANDER WEL, MICHAEL MARCUS, US
[72] OLSON, ANDREW S., US
[72] DORSEY, DOUGLAS V., US
[72] NOBLES, ORVAL MARION, US
[73] THE BOEING COMPANY, US
[86] (2884661)
[87] (2884661)
[22] 2015-03-04
[30] US (14/268841) 2014-05-02

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[13] C
[51] **Int.Cl. A63G 9/00 (2006.01)**
[25] EN
[54] **SWING DESIGNED TO PROMOTE ATTUNEMENT BETWEEN CHILD AND CARETAKER**
[54] **BALANCOIRE CONCUE POUR FAVORISER L'HARMONIE ENTRE UN ENFANT ET UN SOIGNANT**
[72] NORQUIST, THOMAS ROBERT, US
[72] BLACKWOOD, KIM CORVIN, US
[72] GRIFFITH, CHARLES LEBRON, IV, US
[73] PLAYCORE WISCONSIN, INC., US
[86] (2884678)
[87] (2884678)
[22] 2015-03-12

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[13] C
[51] **Int.Cl. C08J 5/00 (2006.01) B29C 51/00 (2006.01)**
[25] EN
[54] **PROCESS FOR MANUFACTURING ARTICLES COMPRISING POLYLACTIC ACID POLYMERS HAVING IMPROVED HEAT RESISTANCE**
[54] **PROCEDE DE FABRICATION D'ARTICLES COMPRENANT DES POLYMERES DE POLY(ACIDE LACTIQUE) A RESISTANCE THERMIQUE AMELIOREE**
[72] TEDFORD, RICHARD A., US
[72] KUMAR, GANESAN, US
[72] CHRISTIE, THOMAS, US
[73] INTERNATIONAL PAPER COMPANY, US
[85] 2015-03-26
[86] 2013-10-03 (PCT/US2013/063165)
[87] (WO2014/055713)
[30] US (13/644,252) 2012-10-03

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[13] C
[51] **Int.Cl. G07F 11/62 (2006.01) A61G 12/00 (2006.01) B62B 3/00 (2006.01)**
[25] EN
[54] **ITEM DISPENSING APPARATUS**
[54] **APPAREIL DE DISTRIBUTION D'ARTICLES**
[72] FITZGERALD, ROBERT, US
[72] JOINER, KYLE, US
[72] EISLER, JOEL, US
[72] BROOM, WARD, US
[72] STALLINGS, KEITH, US
[72] FARAH, JASON, US
[73] INNOVATIVE PRODUCT ACHIEVEMENTS, LLC, US
[85] 2015-03-25
[86] 2013-09-30 (PCT/US2013/062764)
[87] (WO2014/052984)
[30] US (61/707,608) 2012-09-28

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[13] C
[51] **Int.Cl. E21B 34/06 (2006.01) E21B 21/10 (2006.01) E21B 23/00 (2006.01) E21B 34/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DELAYING ACTUATION USING DESTRUCTABLE IMPEDANCE DEVICE**
[54] **SYSTEME ET PROCEDE DE RETARDEMENT D'ACTIONNEMENT EN UTILISANT UN DISPOSITIF A IMPEDANCE DESTRUCTIBLE**
[72] BREKKE, KRISTIAN, NO
[73] FLOWPRO WELL TECHNOLOGY AS, NO
[85] 2015-03-06
[86] 2013-09-20 (PCT/EP2013/069577)
[87] (WO2015/039697)

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[13] C
[51] **Int.Cl. E21B 34/14 (2006.01) E21B 43/26 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR FRACTURING OF OIL AND GAS WELLS**
[54] **SYSTEME ET PROCEDE DE FRACTURATION DE PUITS A HUILE ET A GAZ**
[72] BREKKE, KRISTIAN, NO
[73] FLOWPRO WELL TECHNOLOGY AS, NO
[85] 2015-03-06
[86] 2013-09-20 (PCT/EP2013/069578)
[87] (WO2015/039698)

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[13] C
[51] **Int.Cl. C09D 5/24 (2006.01) C01B 32/182 (2017.01) C01B 32/184 (2017.01) C09D 7/12 (2006.01) C09D 201/00 (2006.01)**
[25] EN
[54] **ELECTRICALLY CONDUCTIVE COATINGS CONTAINING GRAPHENIC CARBON PARTICLES**
[54] **REVETEMENTS ELECTROCONDUCTEURS CONTENANT DES PARTICULES DE CARBONE DE GRAPHENE**
[72] ASAY, DAVID B., US
[72] VANIER, NOEL R., US
[72] HUNG, CHENG-HUNG, US
[72] DECKER, ELDON L., US
[73] PPG INDUSTRIES OHIO, INC., US
[85] 2015-03-27
[86] 2013-09-27 (PCT/US2013/062306)
[87] (WO2014/070346)
[30] US (PCT/US2012/057811) 2012-09-28
[30] US (61/794,586) 2013-03-15

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[13] C
[51] **Int.Cl. A61C 17/00 (2006.01) A46B 15/00 (2006.01) A61C 17/22 (2006.01)**
[25] EN
[54] **ORAL CARE IMPLEMENT HAVING MULTIPLE SOFT TISSUE CLEANER COMPONENTS**
[54] **ACCESSOIRE POUR SOINS BUCCO-DENTAIRES COMPORTANT PLUSIEURS COMPOSANTS NETTOYEURS POUR TISSUS MOUS**
[72] JIMENEZ, EDUARDO, US
[72] ROONEY, MICHAEL, US
[72] MOSKOVICH, ROBERT, US
[72] PRINGIERS, JACOB, LK
[72] CASINI, LUCA, IT
[72] STORZ, JOACHIM, AT
[72] KLAUSEGGER, RAIMUND, AT
[73] COLGATE-PALMOLIVE COMPANY, US
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[54] **FLOOR CONSTRUCTION FOR A VEHCLE**
[54] **CONSTRUCTION DE PLANCHER D'UN VEHICULE**
[72] STANTON, WILLIAM H., CA
[73] FAROEX LTD., CA
[86] (2887720)
[87] (2887720)
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[54] **MULTIPLE DIAMETER EXPANDABLE STRADDLE SYSTEM**
[54] **SYSTEME D'ECARTEMENT EXTENSIBLE A DIAMETRE MULTIPLE**
[72] GALLOWAY, GREGORY G., US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[86] (2887737)
[87] (2887737)
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[54] **CLAMPING DEVICE HAVING HUB CENTRING**
[54] **DISPOSITIF DE SERRAGE A CENTRAGE**
[72] WARKOTSCH, DIRK, DE
[72] JANZ, TILO, DE
[73] HAWEKA AG, DE
[85] 2015-04-21
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[25] EN
[54] **CONTROLLED-RELEASE AMINE-CATALYZED, SULFUR-CONTAINING POLYMER AND EPOXY COMPOSITIONS**
[54] **COMPOSITIONS D'EPOXYDE ET DE POLYMERE CONTENANT DU SOUFRE CATALYSEES PAR UNE AMINE A LIBERATION CONTROLEE**
[72] KELEDJIAN, RAQUEL, US
[72] ANDERSON, LAWRENCE G., US
[72] LIN, RENHE, US
[73] PRC-DESOTO INTERNATIONAL, INC., US
[85] 2015-04-24
[86] 2013-10-09 (PCT/US2013/064020)
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[54] **ALUMINIUM COMPOSITE MATERIAL AND FORMING METHOD**
[54] **MATERIAU COMPOSITE A BASE D'ALUMINIUM ET PROCEDE DE FACONNAGE**
[72] BRINKMAN, HENK-JAN, DE
[72] KELLER, STEFAN, DE
[72] ENGLER, OLAF, DE
[72] HORSTER, NATALIE, DE
[72] SCHRODER, DIETMAR, DE
[72] ARETZ, HOLGER, DE
[73] HYDRO ALUMINIUM ROLLED PRODUCTS GMBH, DE
[85] 2015-04-29
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[25] EN
[54] **SCALABLE BROADBAND GROUP CALL VIA UNICAST DOWNLINK TRAFFIC CONSOLIDATION AND LOCAL RE-BROADCAST**
[54] **APPEL DE GROUPE LARGE BANDE EVOLUTIF PAR CONSOLIDATION DE TRAFIC DE LIAISON DESCENDANTE D'ENVOI INDIVIDUEL ET REDIFFUSION LOCALE**
[72] KUEHNER, NATHANAEL, US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **CONTROLLING USE OF A SINGLE MULTI-VEHICLE PARKING SPACE USING MULTIPLE CAMERAS**
[54] **CONTROLE DE L'UTILISATION D'UNE SEULE PLACE DE STATIONNEMENT POUR DE MULTIPLES VEHICULES PAR LE BIAIS DE PLUSIEURS CAMERAS**
[72] NERAYOFF, STEVEN DAVID, US
[72] WONG, THOMPSON S., CA
[73] CLOUDPARC, INC., US
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[54] **DISTRIBUTEUR POUR CONDIMENTS VISQUEUX**
[72] ROBERTSON, RONALD D., US
[72] SCHNEIDER, WAYNE F., US
[73] HUHTAMAKI, INC., US
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[54] **AN AIRCRAFT WITH AN AIR INTAKE FOR AN AIR BREATHING PROPULSION ENGINE**
[54] **UN AERONEF DOTE D'UNE PRISE D'AIR DESTINEE A UN MOTEUR A PROPULSION AEROBIE**
[72] MORES, SEBASTIAN, DE
[72] LOSER, FRANK, DE
[72] PROBST, STEFAN, DE
[72] MATT, MICHAEL, DE
[73] AIRBUS HELICOPTERS DEUTSCHLAND GMBH, DE
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[54] **MECANISME DE TARIERE A GLACE COMPORTANT UNE LAME D'ALESAGE DE GLACE**
[72] IVAN, ERIC J., SR., US
[73] IVAN, ERIC J., SR., US
[86] (2896522)
[87] (2896522)
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[54] NOUVELLE COMPOSITION POUR LA STEATOSE HEPATIQUE NON ALCOOLIQUE (NAFLD)
[72] PATEL, PANKAJ, IN
[72] JANI, RAJENDRAKUMAR HARIPRASAD, IN
[73] CADILA HEALTHCARE LIMITED, IN
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[72] BALDWIN, ROBERT M., US
[72] GREWAL, EMILY B., US
[72] BHARAMBE, ASHWIN RAVINDRA, US
[72] CHUNG, ANDREW, US
[73] FACEBOOK, INC., US
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[86] 2014-02-26 (PCT/US2014/018640)
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[54] SYNTHESE DE COMPOSES D'ACIDE POLYEPOXYSUCCINIQUE EMPLOYANT DES INITIATEURS DE RADICAUX LIBRES
[72] ROSE, DAVID JAY, US
[72] ZAID, GENE H., US
[72] BURGOYNE, THOMAS W., US
[72] BRASHEAR, KIM, US
[73] JACAM CHEMICAL COMPANY 2013, LLC, US
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[54] PRODUIT DE CONSTRUCTION ET SON PROCEDE DE FABRICATION ET D'UTILISATION
[72] NICHOLS, KEVIN L., US
[72] BROWN, CLAUDE, JR., US
[72] BIRCHMEIER, BRETT M., US
[72] MALONE, BRUCE A., US
[73] EOVATIONS, LLC, US
[85] 2015-08-28
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[54] METHOD FOR PRODUCING DISULFONYLAMINE ALKALI METAL SALT
[54] PROCEDE DE PRODUCTION DE SEL DE METAL ALCALIN DE DISULFONYLAMINE
[72] MAEKAWA, HIDEKI, JP
[72] YASUHARA, MASAMICHI, JP
[72] HAYASHI, KEN-ICHI, JP
[73] NIPPON SODA CO., LTD., JP
[85] 2015-09-08
[86] 2014-03-05 (PCT/JP2014/055622)
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[54] ROBOTIC HIGH DENSITY WELDING BODY SHOP
[54] ATELIER ROBOTISE DE REPARATION DE CARROSSERIE PAR SOUDAGE ET DE PEINTURE A UN RYTHME SOUTENU
[72] KILIBARDA, VELIBOR, US
[73] COMAU LLC, US
[86] (2904751)
[87] (2904751)
[22] 2009-03-19
[62] 2,659,143
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[25] EN
[54] **ROBOTIC HIGH DENSITY WELDING BODY SHOP**
[54] **ATELIER ROBOTISE DE REPARATION DE CARROSSERIE PAR SOUDAGE ET DE PEINTURE A UN RYTHME SOUTENU**
[72] KILIBARDA, VELIBOR, US
[73] COMAU LLC, US
[86] (2904752)
[87] (2904752)
[22] 2009-03-19
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[30] US (12/262,722) 2008-10-31

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[54] **DYNAMIC CONFERENCE SESSION STATE MANAGEMENT IN SECURE MEDIA-BASED CONFERENCING**
[54] **GESTION D'ETAT DE SEANCE DE CONFERENCE DYNAMIQUE LORS D'UNE CONFERENCE SECURISEE FONDEE SUR LES MEDIAS**
[72] GOEPP, DANIEL P., US
[72] ANDERSON, ERIC, US
[73] EDIFIRE LLC, US
[86] (2906470)
[87] (2906470)
[22] 2015-09-28
[30] US (14/500,436) 2014-09-29

[11] **2,911,056**
[13] C
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[25] EN
[54] **FUEL CELL VEHICLE AND CONTROL METHOD THEREFOR**
[54] **VEHICULE A PILE A COMBUSTIBLE ET METHODE DE COMMANDE ASSOCIEE**
[72] ODA, KOHEI, JP
[72] KAKENO, YUJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
[86] (2911056)
[87] (2911056)
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[25] EN
[54] **MAMMALIAN CELL CULTURE MEDIA WHICH COMPRISE SUPERNATANT FROM COHN FRACTIONATION STAGES AND USE THEREOF**
[54] **MILIEU DE CULTURE DE CELLULES DE MAMMIFERES COMPRENANT UN SURNAGEANT ISSU DU FRACTIONNEMENT DE COHN ET UTILISATION DUDIT MILIEU DE CULTURE**
[72] JORQUERA NIETO, JUAN IGNACIO, ES
[72] COSTA RIEROLA, MONTSERRAT, ES
[72] DIEZ CERVANTES, JOSE MARIA, ES
[73] GRIFOLS, S.A., ES
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[54] **APPARATUS AND METHOD FOR MANAGING SOFTWARE TRANSLATION**
[54] **APPAREIL ET PROCEDE DESTINES A LA GESTION DE TRADUCTION DE LOGICIEL**
[72] ROSS, CONNOR, US
[73] MEDIDATA SOLUTIONS, INC., US
[85] 2015-11-18
[86] 2014-05-23 (PCT/US2014/039375)
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[25] EN
[54] **APPARATUS, SYSTEM, AND METHOD OF ELASTICALLY PROCESSING MESSAGE INFORMATION FROM MULTIPLE SOURCES**
[54] **APPAREIL, SYSTEME ET PROCEDE POUR TRAITER ELASTIQUEMENT DES INFORMATIONS DE MESSAGES PROVENANT DE SOURCES MULTIPLES**
[72] BLAKERS, TRISTAN, AU
[72] OOI, CHUIN NEE, AU
[72] PRAKOSO, MAX ROY, AU
[73] NASDAQ TECHNOLOGY AB, SE
[85] 2015-11-30
[86] 2014-05-29 (PCT/IB2014/000892)
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[25] EN
[54] PROCESS FOR ENHANCING SOLIDS REDUCTION IN BITUMEN PROCESSING
[54] PROCEDE D'AMELIORATION DE REDUCTION DE SOLIDES DANS LE TRAITEMENT DU BITUME
[72] AL-SABAWI, MUSTAFA, CA
[72] BERGERON, SEBASTIEN, CA
[72] SURY, KEN N. (DECEASED), CA
[73] IMPERIAL OIL RESOURCES LIMITED, CA
[86] (2914565)
[87] (2914565)
[22] 2015-12-09

[11] 2,915,035
[13] C
[51] Int.Cl. B24B 3/52 (2006.01) B24B 3/54 (2006.01) B24B 3/60 (2006.01) B24B 7/00 (2006.01)
[25] EN
[54] COMBINATION SHARPENER ASSEMBLY
[54] ENSEMBLE AIGUISEUR COMBINE
[72] HUBER, THOMAS M., US
[72] FRIEL, DANIEL D., US
[72] WEINER, SAMUEL, US
[72] GLUYAS, CASSANDRA WILSON, US
[72] GLUYAS, THOMAS WALTER, US
[73] EDGECRAFT CORPORATION, US
[85] 2015-12-10
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[25] EN
[54] PROCESS FOR PRODUCING HEMATITE FOR IRONMAKING
[54] PROCEDE DE PRODUCTION D'HEMATITE POUR LA FABRICATION DU FER
[72] OHARA, GO, JP
[72] KAN, YASUMASA, JP
[72] IMAMURA, MASAKI, JP
[73] SUMITOMO METAL MINING CO., LTD., JP
[85] 2015-12-23
[86] 2014-06-03 (PCT/JP2014/064695)
[87] (WO2015/001893)
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[72] SARKAR, MATTHEW, GB
[72] MILIVOJEVIC, IVAN, GB
[72] CLARKE, ROGER WILLIAM, GB
[72] WILLIAMSON, EMMA LESLEY, GB
[73] VECTURA DELIVERY DEVICES LIMITED, GB
[86] (2920833)
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[54] ANTI-NGF ANTIBODIES AND METHODS USING SAME
[54] ANTICORPS ANTI-NGF ET PROCEDES D'UTILISATION DE CES ANTICORPS
[72] SHELTON, DAVID L., US
[72] PONS, JAUME, US
[72] ROSENTHAL, ARNON, US
[73] RINAT NEUROSCIENCE CORP., US
[86] (2921578)
[87] (2921578)
[22] 2003-12-24
[62] 2,511,598
[30] US (60/436,905) 2002-12-24
[30] US (60/443,522) 2003-01-28
[30] US (60/510,006) 2003-10-08

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[25] EN
[54] METHOD AND APPARATUS FOR HIGH-CAPACITY FAST ACCESS DIGITAL RETENTION
[54] METHODE ET APPAREIL PERMETTANT UNE RETENTION NUMERIQUE A ACCES RAPIDE GRANDE CAPACITE
[72] IGNOMIRELLO, BRIAN M., US
[73] SYMBOLIC IO CORPORATION, US
[86] (2926692)
[87] (2926692)
[22] 2016-04-11
[30] US (62/148,160) 2015-04-15
[30] US (14/804,175) 2015-07-20

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[25] EN
[54] **MECHANICAL LATCHING RELAYS AND HYBRID SWITCHES WITH LATCHING RELAYS FOR USE IN ELECTRICAL AUTOMATION**
[54] **RELAIS DE VERROUILLAGE MECANIQUE ET COMMUTATEURS HYBRIDES DOTES DE RELAIS DE VERROUILLAGE DESTINES A ETRE UTILISES DANS UNE AUTOMATISATION ELECTRIQUE**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[85] 2016-05-27
[86] 2014-11-21 (PCT/US2014/066795)
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[25] EN
[54] **PLANT CULTIVATION DEVICE**
[54] **DISPOSITIF DE CULTURE DE VEGETAUX**
[72] FUKUI, ATSUSHI, JP
[72] FUKUI, YUKO, JP
[73] PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD., JP
[85] 2016-07-18
[86] 2016-02-02 (PCT/JP2016/000519)
[87] (2936435)
[30] JP (2015-105065) 2015-05-25

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[51] **Int.Cl. C02F 1/469 (2006.01) C02F 1/44 (2006.01) C02F 1/66 (2006.01)**
[25] EN
[54] **PROCESS AND SYSTEM FOR REMOVING AMMONIUM FROM WASTEWATER**
[54] **PROCEDE ET SYSTEME D'EXTRACTION D'AMMONIUM DES EAUX USEES**
[72] YIN, XIANGCHUN, CA
[72] SPARROW, BENJAMIN, CA
[73] SALTWORKS TECHNOLOGIES INC., CA
[85] 2016-09-09
[86] 2016-06-14 (PCT/CA2016/050686)
[87] (2941617)
[30] US (62/175,637) 2015-06-15

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[13] C
[51] **Int.Cl. H04M 3/51 (2006.01) H04M 3/56 (2006.01)**
[25] EN
[54] **CALL-CENTER TELEPHONE SYSTEM, PRIVACY CALL METHOD, AND NON-TRANSITORY COMPUTER READABLE MEDIUM STORING PRIVACY CALL PROGRAM**
[54] **SYSTEME TELEPHONIQUE DE CENTRE D'APPEL, PROCEDE DE COMMUNICATION TELEPHONIQUE PRIVEE, ET SUPPORT LISIBLE PAR ORDINATEUR NON TEMPORAIRE SUR LEQUEL UN PROGRAMME DE COMMUNICATION TELEPHONIQUE PRIVEE A ETE STOCKE**
[72] KOGA, SATOMI, JP
[73] NEC PLATFORMS, LTD., JP
[85] 2016-10-28
[86] 2015-04-09 (PCT/JP2015/002000)
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[51] **Int.Cl. A22C 29/02 (2006.01)**
[25] EN
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[54] **SYSTEME DE LAVAGE, EVEINAGE ET ECALAGE DE CREVETTES**
[72] LIANG, RUE, US
[71] LIANG, RUE, US
[22] 2015-07-31
[41] 2017-01-31

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[13] A1
[51] **Int.Cl. G01N 27/416 (2006.01) G01N 27/403 (2006.01) G01N 33/483 (2006.01) G01N 33/569 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR REAL-TIME DETECTION OF AEROPATHOGENS**
[54] **DISPOSITIF ET METHODE DE DETECTION EN TEMPS REEL D'AEROPATHOGENES**
[72] MARCHAND, NORMAN, CA
[72] GRAZIANO, CARMINE, CA
[71] AEROVIRUS TECHNOLOGIES INC., CA
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[54] **ETALONNAGE HYBRIDE DE COURANT DE POLARISATION**
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[72] FATHI, EHSANALLAH, CA
[71] IGNIS INNOVATION INC., CA
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[54] **SAGD DANS UNE CHAMBRE DE VAPEUR A HAUTEUR PARTIELLE**
[72] TUNNEY, CATHAL JOSEPH, CA
[72] HUANG, HAIBO, CA
[72] ITO, YOSHIAKI, CA
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[54] **CONNECTEUR D'ESSUIE-GLACE**
[72] TOLENTINO, VAMBI RAYMUNDO, US
[72] PEERS, ROBERT PETER, US
[71] PYLON MANUFACTURING CORP., US
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[54] **METHODE DE SOUDAGE DE COMPOSANTES METALLIQUES**
[72] LIU, SHOPO HSIN TSU, CN
[72] LIU, FIBRO TSU KUN, CN
[72] LIU, IKO, CN
[71] KEYSHEEN INDUSTRY (SHANGHAI) CO., LTD., CN
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[54] **METHODS AND APPARATUS FOR WELLBORE ANNULUS CEMENTING**
[54] **METHODE ET APPAREIL DE CIMENTATION D'ANNEAU DE PUITS DE FORAGE**
[72] THEMIG, DANIEL JON, CA
[71] PACKERS PLUS ENERGY SERVICES INC., CA
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[54] **APPAREIL DE CHIRURGIE LAPAROSCOPIQUE**
[72] JAYARAMAN, SHIVA, CA
[71] JAYARAMAN, SHIVA, CA
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[54] **DISPOSITIF D'ALERTE A BATTANT**
[72] BENNETT, STEVE R., CA
[71] BENNETT, STEVE R., CA
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[54] **METHOD AND SYSTEM OF IMPROVED TARP TENSIONING**
[54] **METHODE ET SYSTEME DESTINES A AMELIORER LA TENSION DANS UNE TOILE**
[72] BESHIRI, ILIR, CA
[72] NEUFELD, JOHAN, CA
[71] GLIDER SYSTEM IP INC., CA
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[72] LINDSAY, JAMES SCULLION, CA
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[54] **AUTOMATIC KITCHEN ISLAND WASTE MANAGEMENT MACHINE**
[54] **MACHINE DE GESTION DE DECHETS D'ILOT DE CUISINE AUTOMATIQUE**
[72] PIASECKI, MATEUSZ, CA
[71] PIASECKI, MATEUSZ, CA
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[54] **PRODUCTION DIRECTE D'ALUMINIUM ET D'ALLIAGES D'ALUMINIUM**
[72] NABI, GHULAM, CA
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[54] **FORWARD SCANNING SONAR SYSTEM AND METHOD WITH ANGLED FAN BEAMS**
[54] **SYSTEME DE SONAR A BALAYAGE DIRECT ET METHODE EMPLOYANT DES FAISCEAUX EVENTAILS INCLINES**
[72] IVANOV, OLEXANDR, CA
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[54] **SEQUENTIAL RE-COMPLETIONS OF HORIZONTAL WELLS IN UNCONSOLIDATED SAND RESERVOIRS TO INCREASE NON-THERMAL PRIMARY HEAVY OIL RECOVERY**
[54] **RECOMPLETIONS SEQUENTIELLES DE PUITS HORIZONTAUX DANS LES RESERVOIRS DE SABLE NON CONSOLIDES EN VUE D'ACCROITRE LA RECUPERATION DE PETROLE LOURD PRIMAIRE NON THERMIQUE**
[72] CADRIN, DAVID, CA
[71] CADRIN, DAVID, CA
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[54] **APPARATUS AND METHOD FOR AEROSOL DEPOSITION OF NANOPARTICLES ON A SUBSTRATE**
[54] **APPAREIL ET METHODE DE DEPOT PAR AEROSOL DE NANOPARTICULES SUR UN SUBSTRAT**
[72] LEFEBVRE, JACQUES, CA
[72] MALENFANT, PATRICK, CA
[71] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **INSPECTION ROBOT FOR LIVE TRANSMISSION LINE CABLES**
[54] **ROBOT D'INSPECTION DE CABLES DE LIGNE DE TRANSMISSION ACTIVE**
[72] BARBOSA, CELIO FONSECA, BR
[72] NUNES DE SOUZA, RAPHAEL, BR
[72] NALLIN, FLAVIO EDUARDO, BR
[72] COSTA, JOSE BENEDITO ARAUJO, BR
[72] SANT'ANNA DA SILVA, HAROLDO CESAR, BR
[72] PENNA, MARCIO LUIZ LIMA, BR
[71] LIGHT SERVICOS DE ELETRICIDADE S/A, BR
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[54] AIR HEATING APPARATUS USEFUL FOR HEATING AN AIRCRAFT INTERIOR
[54] APPAREIL DE CHAUFFAGE DE L'AIR UTILE POUR CHAUFFER L'INTERIEUR D'UN AERONEF
[72] THOMPSON, NATHAN, US
[72] KALLHOFF, CURTIS, US
[71] JR KOOP, INC., US
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[54] SYSTEME DE CHENILLE DESTINE A LA TRACTION D'UN VEHICULE CIRCULANT DANS LES CHAMPS ET SUR LES ROUTES
[72] LUNKENBEIN, MARTIN, CA
[71] CAMSO INC., CA
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[54] WATER FEEDER
[54] APPAREIL D'ALIMENTATION D'EAU
[72] OUELLETTE, JAMES-ROY, CA
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[54] DESHYDRATATION DE ZONES PAUVRES PAR INJECTION DE GNC DANS LES PUITS DE PRODUCTION ET D'INJECTION
[72] SHEIKHA, HUSSAIN, CA
[72] PARMAR, GOVINDER SINGH, CA
[72] AGHABARATI, HOSSEIN, CA
[72] MACDONALD, HEATHER LYNN, CA
[71] SUNCOR ENERGY INC., CA
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[54] UNE METHODE DE DISTRIBUTION D'UN FICHIER ET SYSTEME INFORMATIQUE EMPLOYANT LADITE METHODE
[72] VOLT, THIBAUT, CA
[71] SMART TECHNOLOGIES ULC, CA
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[54] DISPOSITIF DE CABLAGE ELECTRIQUE
[72] HE, ZHOUXIANG, US
[71] HUBBELL INCORPORATED, US
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[54] APPARATUS AND METHOD TO ELECTRICALLY POWER AN ELECTRIC ARC FURNACE
[54] APPAREIL ET METHODE D'ALIMENTATION ELECTRIQUE D'UN FOUR A ARC ELECTRIQUE
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[72] MORDEGLIA, ANTONELLO, TH
[71] DANIELI AUTOMATION SPA, IT
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[54] INTERFACE D'EVENEMENT LIE A UN EQUIPEMENT D'HOPITAL
[72] SRIVATHSA, KARTHIK N., US
[72] YANG, BIN, US
[72] POUST, JOHN, US
[72] BAK, ROBERT, US
[72] HOLDEN, JENNIFER, US
[72] KAGLEY, VERONICA, US
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[72] MOLLOY, BRYCE ALAN, NZ
[71] ASSA ABLOY NEW ZEALAND LIMITED, NZ
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[54] **DISPOSITIF D'ATOMISATION ET ATOMISEUR COMPORTANT LE DISPOSITIF D'ATOMISATION**
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[71] TAIWAN PURITIC CORP., TW
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[54] **UNE SEMELLE D'UNE CHAUSSURE**
[72] SANTOS, KENNETH DANIEL, US
[72] CLAPSADDLE, BUD, US
[71] SOFFT SHOE COMPANY, LLC, US
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[54] **METHOD FOR ROLL-FORMING DISK CARRIERS OR THE LIKE AND THE ASSOCIATED PROFILE ROLLER SET**
[54] **METHODE DE FACONNAGE AUX ROULEAUX DE SUPPORTS DE DISQUE OU AUTRE SEMBLABLE ET ENSEMBLE DE ROULEAUX PROFILES ASSOCIE**
[72] ZIESEL, NORBERT, DE
[72] MEIER, THOMAS, US
[71] WEBO WERKZEUGBAU OBERSCHWABEN GMBH, DE
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[54] **APPAREIL ELECTROMENAGER COMPORTANT UN DISPOSITIF DE DEVIATION DE L'AIR DES GAZ DE COMBUSTION**
[72] BRADEN, BEN, US
[72] LADNER, ROBERT, US
[72] MOYERS, RICHARD, US
[72] OSBORNE, CHARLES, US
[72] RUSSELL, TIMOTHY, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
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[54] **MULTI-SIDED, ROTABLE TINES FOR A DISHWASHER RACK**
[54] **ERGOTS PIVOTANTS MULTI-FACES DESTINES A UN PANIER DE LAVE-VAISSELLE**
[72] CHAN, KASIN, US
[72] LUM, MYK, US
[72] CHAVEZ, DAVID, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
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[25] EN
[54] **SYSTEMS FOR PROVIDING SERVICE NOTIFICATIONS TO A PRODUCT**
[54] **SYSTEMES DE FOURNITURE DE NOTIFICATIONS DE SERVICE A UN PRODUIT**
[72] BELL, LARRY, US
[71] BSH HOME APPLIANCES CORPORATION, US
[71] BSH HAUSGERATE GMBH, DE
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[54] **SYSTEMS AND METHODS FOR AUTOMATED DEVICE PAIRING**
[54] **SYSTEMES ET METHODES DE JUMELAGE AUTOMATISE DE DISPOSITIF**
[72] TROY, JAMES J., US
[72] ESPOSITO, CHRISTOPHER, US
[72] KARAKUSEVIC, VLADIMIR, US
[71] THE BOEING COMPANY, US
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[72] CHEN, JUI-LIN, TW
[71] CHEN, JUI-LIN, TW
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[25] EN
[54] FORWARD SCANNING SONAR SYSTEM AND METHOD WITH ANGLED FAN BEAMS
[54] SYSTEME DE SONAR A BALAYAGE DIRECT ET METHODE EMPLOYANT DES FAISCEAUX EVENTAILS INCLINES
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[54] INSTALLATION DE FIXATION DANS LES PANNEAUX EN COMPOSITE DOTES D'UNE INSERTION POUR FIXATION
[72] BRADLEY, JAMES S., US
[72] LEWIS, MICHAEL S., US
[72] REEVES, BRAD J., US
[71] THE BOEING COMPANY, US
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[54] LOGEMENT EXTRUDE DESTINE A UN MOTEUR ELECTRIQUE
[72] HARRIS, CHARLES, GB
[72] POCOCK, EDWARD GRAHAM CHARLES, GB
[72] CLAYCOMB, CHRIS H. A., GB
[71] GOODRICH ACTUATION SYSTEMS LIMITED, GB
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[54] PALES D'HELICE ACTIONNEES PAR UN ALLIAGE A MEMOIRE DE FORME ET ENSEMBLES D'HELICE ACTIONNEE PAR UN ALLIAGE A MEMOIRE DE FORME
[72] BIGBEE-HANSEN, WILLIAM J., US
[72] CLINGMAN, DAN J., US
[72] MABE, JAMES H., US
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[25] EN
[54] COOLING SYSTEM
[54] SYSTEME DE REFROIDISSEMENT
[72] CERNY, MATTHEW ROBERT, US
[72] KROGER, CHRISTOPHER JAMES, US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] Int.Cl. F16L 37/08 (2006.01) B23K 9/32 (2006.01) H05B 6/14 (2006.01)
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[54] QUICK CONNECTOR
[54] RACCORD RAPIDE
[72] FERRIER, TIM, CA
[71] STEIN INDUSTRIES INC., US
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[25] EN
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[54] DISPOSITIF DE PROTECTION DE SECURITE DE CLOTURE A DOUBLE PORTE DESTINE A UNE LANGUETTE HYDRAULIQUE
[72] CONGHUA, QIAO, CN
[71] PENTACLE OIL FIELD SUPPLY INC., CA
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[54] SYSTEMES, METHODES ET APPAREILS DESTINES A L'ECOULEMENT D'UN MATERIAU ASSOCIE A LA FABRICATION DE COMPOSANTS
[72] NESBIT, ASHLEIGH R., AU
[71] THE BOEING COMPANY, US
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[54] MECANISME DE SOUDAGE COMPORTANT PLUSIEURS MODULES DE SOUDURE
[72] RADTKE, DAVID EDWIN, US
[72] JOYCE, RICHARD CHARLES, US
[72] PFEIFER, KYLE ANDREW, US
[72] SMITH, ALAN FREDERIC, US
[71] ILLINOIS TOOL WORKS INC., US
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[13] A1
[51] **Int.Cl. F16K 3/02 (2006.01) F16K 3/00 (2006.01) F16K 3/04 (2006.01)**
[25] EN
[54] **DUST AND ABRASIVE MATERIALS GATE VALVE WITH ANGLED VALVE SEAT**
[54] **ROBINET-VANNE POUR POUSSIERE ET MATERIAUX ABRASIFS DOTE D'UN SIEGE DE ROBINET INCLINE**
[72] SURPRENANT, DEAN, US
[71] PLATTCO CORPORATION, US
[22] 2016-05-31
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[51] **Int.Cl. G06Q 50/24 (2012.01) G06F 17/20 (2006.01) G06K 9/62 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR BUNDLING DIGITIZED ELECTRONIC RECORDS**
[54] **SYSTEME ET METHODE DE REGROUPEMENT DE DOSSIERS ELECTRONIQUES NUMERISES**
[72] TSCHETTER, CHEZ JOHN, US
[71] EDCO HEALTH INFORMATION SOLUTIONS, INC., US
[22] 2016-06-10
[41] 2017-02-03
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[51] **Int.Cl. G06Q 10/08 (2012.01) G06F 7/00 (2006.01)**
[25] EN
[54] **DATA RELIABILITY ANALYSIS**
[54] **ANALYSE DE FIABILITE DES DONNEES**
[72] SMITS, EDUARD, NL
[72] GOES, ROB, NL
[72] COOMBS, SIMON, GB
[71] ACCENTURE GLOBAL SERVICES LIMITED, IE
[22] 2016-06-13
[41] 2017-01-31
[30] US (14/814,849) 2015-07-31

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[51] **Int.Cl. H04W 8/22 (2009.01) H04W 92/08 (2009.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR AUTOMATIC DETECTION AND ENABLEMENT OF A VIRTUAL SIM ON A MOBILE DEVICE**
[54] **SYSTEME ET METHODE DE DETECTION AUTOMATIQUE ET D'ACTIVATION D'UNE CARTE SIM VIRTUELLE SUR UN APPAREIL MOBILE**
[72] SMITH, ANDREW CHRISTOPHER, CA
[72] PROVO, NATHAN, US
[72] DIKIC, SRDAN, CA
[71] BLACKBERRY LIMITED, CA
[22] 2016-06-15
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[51] **Int.Cl. H04W 8/24 (2009.01) G06Q 10/08 (2012.01)**
[25] EN
[54] **A METHOD FOR ASSOCIATING WIRELESS SENSORS TO PHYSICAL LOCATIONS**
[54] **UNE METHODE D'ASSOCIATION DE CAPTEURS SANS FIL A DES EMPLACEMENTS PHYSIQUES**
[72] KUMAR, ANIL, US
[72] PEI, GUANGYU, US
[71] THE BOEING COMPANY, US
[22] 2016-06-14
[41] 2017-02-03
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[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/48 (2006.01)**
[25] EN
[54] **CONTROL OF CARBONYL SULFIDE WITH SODIUM BOROHYDRIDE IN CAUSTIC TOWERS FOR PETROLEUM/PETROCHEMICAL PROCESSES**
[54] **CONTROLE DU SULFURE DE CARBONYLE AVEC DU BOROHYDRURE DE SODIUM DANS LES TOURS CAUSTIQUES DES PROCEDES PETROLIERS/PETROCHIMIQUES**
[72] MO, HUA, US
[72] METZLER, ROGER D., US
[71] BAKER HUGHES INCORPORATED, US
[22] 2016-06-17
[41] 2017-01-30
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[25] EN
[54] **HEATABLE SMOKE ALARM**
[54] **ALARME DE FUMEE CHAUFFANTE**
[72] HOPFE, KARL ALBRECHT, DE
[72] PHILIPP, JAN BORIS, DE
[71] APPARATEBAU GAUTING GMBH, DE
[22] 2016-06-22
[41] 2017-01-30
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[51] Int.Cl. H02B 1/26 (2006.01)
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[54] FUSE ARC GAS BAFFLE WITH ARC RESISTANT FUSE ASSEMBLY
[54] DEFLECTEUR DE GAZ D'ARC DE SOUDAGE DOTE D'UN MECANISME DE SOUDAGE RESISTANT A L'ARC
[72] RANDALL, ALFRED LEE, US
[72] FARR, THOMAS ARTHUR, US
[72] COCHRAN, JOHN AUSTIN, US
[72] GIBBS, IRVING ALBERT, US
[71] EATON CORPORATION, US
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[41] 2017-01-31
[30] US (62/199,347) 2015-07-31
[30] US (15/181,763) 2016-06-14

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[13] A1
[51] Int.Cl. G06Q 40/00 (2012.01) G06Q 30/02 (2012.01)
[25] EN
[54] EVALUATION AND TRAINING FOR ONLINE FINANCIAL SERVICES PRODUCT REQUEST AND RESPONSE MESSAGING
[54] EVALUATION ET FORMATION RELATIVES A UNE DEMANDE DE PRODUIT DE SERVICES FINANCIERS EN LIGNE ET MESSAGERIE DE REPONSE
[72] PATON, ROSS KENNETH MCKENZIE, CA
[71] SCI LIMITED, CA
[22] 2016-06-23
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[30] US (14/813,187) 2015-07-30

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[51] Int.Cl. G06Q 30/00 (2012.01)
[25] EN
[54] EVALUATION AND TRAINING FOR ONLINE VEHICLE REQUEST AND RESPONSE MESSAGING
[54] EVALUATION ET FORMATION RELATIVES A UNE DEMANDE DE VEHICULE EN LIGNE ET MESSAGERIE DE REPONSE
[72] PATON, ROSS KENNETH MCKENZIE, CA
[71] SCI LIMITED, CA
[22] 2016-06-23
[41] 2017-01-30
[30] US (14/813,178) 2015-07-30

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[13] A1
[51] Int.Cl. H05K 1/02 (2006.01)
[25] EN
[54] SLIDE LOCK FOR CIRCUIT BOARDS
[54] VERROU COULISSANT POUR CARTES DE CIRCUIT
[72] MCCURLEY, MATTHEW ROBERT, US
[72] LEWIS, PAUL WAYNE, JR., US
[71] COOPER TECHNOLOGIES COMPANY, US
[22] 2016-06-23
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[25] EN
[54] VEHICLE LIFT
[54] APPAREIL DE LEVAGE DE VEHICULE
[72] JORGENSEN, RYAN A., US
[72] GANN, CASEY R., US
[71] SHINN FU CORPORATION, TW
[22] 2016-06-27
[41] 2017-01-30
[30] US (14/813,123) 2015-07-30

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[13] A1
[51] Int.Cl. B29C 47/26 (2006.01) B29C 47/06 (2006.01)
[25] EN
[54] ASSEMBLY AND PROCESS FOR CREATING AN EXTRUDED PIPE FOR USE IN A GEOTHERMAL HEAT RECOVERY OPERATION
[54] ASSEMBLAGE ET PROCEDE DE CREATION D'UN TUYAU EXTRUDE DESTINE A UNE OPERATION DE RECUPERATION DE CHALEUR GEOTHERMIQUE
[72] PORTER, STEVE, US
[72] BROWN, TIMOTHY JOHN, US
[71] US FARATHANE CORPORATION, US
[22] 2016-06-29
[41] 2017-02-04
[30] US (14/817,278) 2015-08-04

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[13] A1
[51] Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) G06M 1/04 (2006.01) G06M 1/24 (2006.01)
[25] EN
[54] SURGICAL STAPLING LOADING UNIT WITH STROKE COUNTER AND LOCKOUT
[54] MODULE DE CHARGEMENT D'AGRAFAGE CHIRURGICAL DOTE D'UN MECANISME DE CONTRECOUP ET DE BLOCAGE
[72] MURTHY ARAVALLI, ANANTHA VENKATA VARAHA LAKSHMI NARASIMHA SRINIVASA, IN
[71] COVIDIEN LP, US
[22] 2016-06-29
[41] 2017-01-29
[30] US (14/812,353) 2015-07-29

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[51] Int.Cl. F16D 65/12 (2006.01) F16D 65/84 (2006.01)
[25] EN
[54] VEHICLE BRAKE ROTOR AND METHOD OF MAKING SAME
[54] ROTOR DE FREIN DE VEHICULE ET PROCEDE DE FABRICATION ASSOCIE
[72] ZHOU, MINGXU, US
[72] CALAGO, EDGAR, US
[71] GRI ENGINEERING & DEVELOPMENT, LLC, US
[22] 2016-07-04
[41] 2017-02-04
[30] US (14/817,833) 2015-08-04

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[51] **Int.Cl. A47J 37/07 (2006.01) F24B 1/192 (2006.01)**
[25] EN
[54] **FUEL EFFICIENT GRILL FOR DIRECT AND INDIRECT COOKING**
[54] **GRILLE EFFICACE ENERGETIQUEMENT DESTINEE A LA CUISSON DIRECTE ET INDIRECTE**
[72] SCHLOSSER, ERICH J., US
[72] SUNICH, JAMES MICHAEL, US
[72] CHILDRESS, HOLLICE, US
[72] SIAZON, ROMUALDO SONNY, US
[72] SHARMA, AMAN, US
[71] WEBER-STEPHEN PRODUCTS, LLC, US
[22] 2016-07-05
[41] 2017-01-30
[30] US (14/813,852) 2015-07-30

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[51] **Int.Cl. A61B 17/00 (2006.01) A61B 17/068 (2006.01) A61B 17/115 (2006.01) G06M 1/04 (2006.01) G06M 1/24 (2006.01)**
[25] EN
[54] **SURGICAL STAPLING LOADING UNIT WITH STROKE COUNTER AND LOCKOUT**
[54] **MODULE DE CHARGEMENT D'AGRAFAGE CHIRURGICAL DOTE D'UN MECANISME DE CONTRECOUP ET DE BLOCAGE**
[72] MURTHY ARAVALLI, ANANTHA VENKATA VARAHA LAKSHMI NARASIMHA SRINIVASA, IN
[71] COVIDIEN LP, US
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[41] 2017-01-30
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[51] **Int.Cl. F01D 25/12 (2006.01) F01D 5/18 (2006.01) F01D 9/02 (2006.01) F02C 7/12 (2006.01)**
[25] EN
[54] **TURBINE AIRFOILS WITH MICRO COOLING FEATURES**
[54] **PROFILS AERODYNAMIQUES DE TURBINE DOTES DE FONCTIONNALITES DE MICRO REFROIDISSEMENT**
[72] BARKER, BRETT J., US
[72] RHODES, JEFFREY F., US
[71] ROLLS-ROYCE CORPORATION, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
[22] 2016-07-07
[41] 2017-01-31
[30] US (62/199,671) 2015-07-31
[30] US (62/199,679) 2015-07-31

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[51] **Int.Cl. B25J 17/00 (2006.01) B25J 18/00 (2006.01)**
[25] EN
[54] **ROBOT FOR INDUSTRIAL USE**
[54] **ROBOT DESTINE A UN USAGE INDUSTRIEL**
[72] BORDEGNONI, STEFANO, IT
[72] CINIELLO, FRANCESCO, IT
[71] COMAU S.P.A., IT
[22] 2016-07-08
[41] 2017-02-03
[30] IT (102015000041279) 2015-08-03

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[13] A1
[51] **Int.Cl. C11B 13/00 (2006.01) C11B 1/10 (2006.01)**
[25] EN
[54] **METHOD FOR IMPROVING CORN OIL EXTRACTION USING ALKYL POLYGLYCOSIDES**
[54] **METHODE D'AMELIORATION DE L'EXTRACTION D'HUILE DE MAIS AU MOYEN D'ALKYLES POLYGLUCOSIDES**
[72] TURUNC, UMIT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-08
[41] 2017-01-31
[30] US (62/199,288) 2015-07-31
[30] US (15/139,451) 2016-04-27

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[51] **Int.Cl. C01G 51/00 (2006.01) H01M 4/1395 (2010.01) B82Y 40/00 (2011.01) C01G 19/00 (2006.01)**
[25] EN
[54] **METHOD FOR THE PRODUCTION OF MSNX NANOPARTICLES AS ANODE MATERIALS FOR A RECHARGEABLE BATTERY**
[54] **METHODE DE PRODUCTION DE NANOPARTICULES MSNX COMME MATERIAUX D'ANODE POUR UNE BATTERIE RECHARGEABLE**
[72] KOVALENKO, MAKSYM V., CH
[72] WALTER, MARC, CH
[71] BELENOS CLEAN POWER HOLDING AG, CH
[22] 2016-07-07
[41] 2017-01-30
[30] EP (15179106.8) 2015-07-30

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[13] A1
[51] **Int.Cl. B08B 9/043 (2006.01)**
[25] EN
[54] **DRAIN CLEARING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE DRAIN**
[72] ELLIOTT, HALLE, US
[72] PLEASANTS, PARKE, US
[72] HERSHEY, JULIA, US
[72] KEITH, JAMES A, US
[71] AC (MACAO COMMERCIAL OFFSHORE) LIMITED, MO
[22] 2016-07-11
[41] 2017-02-04
[30] US (14/817,858) 2015-08-04

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[51] **Int.Cl. A47K 3/34 (2006.01) E05D 13/00 (2006.01)**
[25] EN
[54] **SHOWER DOOR GUIDE ASSEMBLY**
[54] **ASSEMBLAGE DE GUIDE DE PORTE DE DOUCHE**
[72] SCHULTZ, NATHANIEL FALTIN DUTTON, US
[72] AUSTIN, JAMES ALLEN, III, US
[72] BOEHNEN, PATRICK, US
[71] LIBERTY HARDWARE MFG. CORP., US
[22] 2016-07-15
[41] 2017-01-31
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[51] **Int.Cl. G03B 35/08 (2006.01) H04N 13/02 (2006.01)**
[25] EN
[54] **PLENOPTIC CAMERA AND METHOD OF CONTROLLING THE SAME**
[54] **CAMERA PLENOPTIQUE ET METHODE DE COMMANDE ASSOCIEE**
[72] DRAZIC, VALTER, FR
[72] GALPIN, FRANCK, FR
[72] SEIFI, MOZHDEH, FR
[71] THOMSON LICENSING, FR
[22] 2016-07-18
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[51] **Int.Cl. B62M 6/55 (2010.01) B62M 1/36 (2013.01)**
[25] EN
[54] **MID DRIVE ELECTRIC BICYCLE POWERFLOW WITH PLANETARY GEAR OVERDRIVE AND STEPPED PINION PLANETARY**
[54] **FLUX DE PUISSANCE DE BICYCLETTE ELECTRIQUE A MI-ENTRAINEMENT DOTE D'UN ENGRENAGE PLANETAIRE ET DE PLANETAIRE A PIGNON ETAGE**
[72] HAYSLETT, STEVEN L., US
[72] SWALES, SHAWN H., US
[71] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US
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[25] EN
[54] **BALE WRAPPING DEVICE, HARVESTING APPLIANCE AND METHOD**
[54] **APPAREIL D'EMBALLAGE DE BALLES, INSTRUMENT DE RECOLTE ET METHODE**
[72] GUERIN, SEBASTIEN, FR
[72] CHAPON, EMMANUEL, FR
[71] DEERE & COMPANY, US
[22] 2016-07-18
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[51] **Int.Cl. F16H 7/12 (2006.01) F16H 7/08 (2006.01)**
[25] EN
[54] **AUTOMATIC BELT TENSIONING DEVICE AND CHIPPER UTILIZING SAME**
[54] **DISPOSITIF TENDEUR DE COURROIE AUTOMATIQUE ET DECHIQUETEUR EMPLOYANT LEDIT DISPOSITIF**
[72] TRICK, TIM, NL
[71] VERMEER MANUFACTURING COMPANY, US
[22] 2016-07-18
[41] 2017-02-04
[30] US (62/200,810) 2015-08-04
[30] US (62/202,381) 2015-08-07
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[51] **Int.Cl. B62M 6/40 (2010.01) B62M 6/75 (2010.01)**
[25] EN
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[54] **MOYEU D'ENGRENAGE INTERNE DOTE D'ENGRENAGE FIXE SELECTIONNABLE DESTINE A LA REPRISE D'UNE BICYCLETTE ELECTRIQUE**
[72] HAYSLETT, STEVEN L., US
[72] SWALES, SHAWN H., US
[72] BEGLEITER, DAVID, US
[71] GM GLOBAL TECHNOLOGY OPERATIONS LLC, US
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[41] 2017-01-31
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[51] **Int.Cl. G06Q 10/10 (2012.01) G06F 3/0481 (2013.01) H04L 12/58 (2006.01)**
[25] EN
[54] **METHOD AND DEVICE FOR ATTACHING MESSAGES STORED AT A DEVICE AS ATTACHMENTS TO A MESSAGE BEING COMPOSED AT THE DEVICE**
[54] **METHODE ET DISPOSITIF SERVANT A JOINDRE DES MESSAGES STOCKES SUR UN DISPOSITIF COMME PIECES JOINTES A UN MESSAGE COMPOSE SUR LE DISPOSITIF**
[72] EWANCHUK, ANDREW JOHN, CA
[72] FOGEL, CHRISTOPHER MICHAEL, CA
[72] PURI, RONESH, CA
[72] BALASUBRAMANIAM, MAHADEVAN, US
[71] BLACKBERRY LIMITED, CA
[22] 2016-07-19
[41] 2017-02-04
[30] US (14/817547) 2015-08-04

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[13] A1
[51] **Int.Cl. C04B 38/10 (2006.01)**
[25] EN
[54] **FOAMING AGENT AND METHOD FOR THE FOAMING AND STABILIZING OF A BUILDING MATERIAL SLURRY FOR POROUS LIGHTWEIGHT BUILDING MATERIALS**
[54] **AGENT MOUSSANT ET METHODE DE MOUSSAGE ET DE STABILISATION D'UNE BOUE DE MATERIAU DE CONSTRUCTION DESTINES A DES MATERIAUX DE CONSTRUCTION LEGERS ET POREUX**
[72] GRAF VON DER SCHULENBURG-WOLFSBURG, GUNZEL, DE
[71] CELLCONTEC GMBH, DE
[22] 2016-07-19
[41] 2017-02-03
[30] DE (10 2015 009 827.6) 2015-08-03

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[13] A1
[51] **Int.Cl. B60W 40/00 (2006.01) B60W 40/02 (2006.01) B60W 40/10 (2012.01)**
[25] EN
[54] **SPEED CONTROL DISPLAY SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE D'AFFICHAGE DE CONTROLE DE LA VITESSE**
[72] SCOTT, DAVID J., US
[71] KOMATSU AMERICA CORP., US
[22] 2016-07-19
[41] 2017-01-31
[30] US (14/815,468) 2015-07-31

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[13] A1
[51] **Int.Cl. F01D 11/08 (2006.01) F01D 5/14 (2006.01) F02C 9/16 (2006.01)**
[25] EN
[54] **TURBINE SECTION WITH TIP FLOW VANES**
[54] **SECTION DE TURBINE DOTEE D'AUBES A ECOULEMENT A LA POINTE**
[72] RAMAMURTHY, RAJA, CA
[72] VLASIC, EDWARD PARKER, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-18
[41] 2017-01-31
[30] US (14/814,927) 2015-07-31

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[13] A1
[51] **Int.Cl. F01D 9/02 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **TURBINE VANE REAR INSERT SCHEME**
[54] **MODELE D'ELEMENT ARRIERE D'AUBE DE TURBINE**
[72] PAPPLE, MICHAEL, CA
[72] LEBEL, LARRY, CA
[71] PRATT & WHITNEY CANADA CORP., CA
[22] 2016-07-18
[41] 2017-01-30
[30] US (14/813,585) 2015-07-30

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[13] A1
[51] **Int.Cl. A01K 5/01 (2006.01) A01K 5/00 (2006.01)**
[25] EN
[54] **ANIMAL FEED COVERS AND SYSTEMS AND METHODS FOR THEIR PRODUCTION AND USE**
[54] **COUVERCLES POUR ALIMENTATION ANIMALE ET SYSTEMES ET METHODES DE PRODUCTION ET UTILISATION ASSOCIEES**
[72] DANENBERG, BENJAMIN R., US
[72] GABRIEL, MICHAEL J., US
[72] BURR, MICHAEL S., US
[71] PURINA ANIMAL NUTRITION LLC, US
[22] 2016-07-19
[41] 2017-01-31
[30] US (14/815,488) 2015-07-31

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[13] A1
[51] **Int.Cl. F16D 48/06 (2006.01) F16D 48/02 (2006.01)**
[25] EN
[54] **CLUTCH HYDRAULIC PRESSURE CONTROL CIRCUIT**
[54] **CIRCUIT DE COMMANDE DE PRESSION HYDRAULIQUE D'EMBRAYAGE**
[72] MITSUBORI, TOSHIMASA, JP
[72] ARAI, DAI, JP
[72] FUMIMOTO, YASUSHI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2016-07-18
[41] 2017-01-31
[30] JP (2015-152104) 2015-07-31

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[13] A1
[51] **Int.Cl. G06F 11/07 (2006.01) G06F 17/30 (2006.01)**
[25] EN
[54] **A HYBRID DISTRIBUTED STORAGE SYSTEM**
[54] **UN SYSTEME DE STOCKAGE DISTRIBUE HYBRIDE**
[72] DE SCHRIJVER, FREDERIK, BE
[72] STOUGIE, BASTIAAN, BE
[72] DE KEYSER, KOEN, BE
[72] DE WISPELAERE, WIM, BE
[71] HGST NETHERLANDS B.V., NL
[22] 2016-07-20
[41] 2017-01-30
[30] US (14/814,264) 2015-07-30

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[13] A1
[51] **Int.Cl. C04B 35/80 (2006.01) B28B 1/52 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **IMPROVED UNIFORMITY OF FIBER SPACING IN CMC MATERIALS**
[54] **UNIFORMITE AMELIOREE D'ESPACEMENT DE FIBRES DANS LES MATERIAUX COMPOSITES CERAMIQUES**
[72] WEAVER, JARED HOGG, US
[72] CORMAN, GREGORY SCOT, US
[72] DUNN, DANIEL GENE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-21
[41] 2017-01-30
[30] US (14/813,239) 2015-07-30

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[13] A1
[51] **Int.Cl. B29C 71/00 (2006.01) B65H 29/00 (2006.01)**
[25] EN
[54] **IN-LINE PROCESSING OF PRE-FORMED PULTRUDED PRODUCTS FOR USE WITHIN A WIND TURBINE ROTOR BLADE**
[54] **TRAITEMENT EN LIGNE DE PRODUITS PULTRUDES DESTINES A UNE PALE DE ROTOR D'EOLIENNE**
[72] CARUSO, CHRISTOPHER DANIEL, US
[72] YARBROUGH, AARON A., US
[72] HYNUM, DANIEL ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-21
[41] 2017-01-30
[30] US (14/813,518) 2015-07-30

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[21] **2,936,668**
[13] A1
[51] **Int.Cl. B23Q 41/04 (2006.01) B23K 26/342 (2014.01) B33Y 10/00 (2015.01) B33Y 30/00 (2015.01) B22F 3/105 (2006.01) B23Q 37/00 (2006.01)**
[25] EN
[54] **APPARATUS AND METHODS FOR PRODUCTION ADDITIVE MANUFACTURING**
[54] **APPAREIL ET METHODE DE FABRICATION D'ADDITIF DE PRODUCTION**
[72] SHAW, MARK, US
[72] BARNHART, DAVID RICHARD, US
[72] REDDEN, RONALD, US
[72] ANDERSON, THEODORE, US
[72] MORRIS, GREGORY MUSTER, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-21
[41] 2017-01-29
[30] US (14/812,159) 2015-07-29

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[21] **2,936,669**
[13] A1
[51] **Int.Cl. F28D 7/00 (2006.01) F28F 1/00 (2006.01) F28F 9/02 (2006.01)**
[25] EN
[54] **COUNTER-FLOW HEAT EXCHANGER WITH HELICAL PASSAGES**
[54] **ECHANGEUR DE CHALEUR A CONTRE-COURANT DOTE DE PASSAGES HELICOIDAUX**
[72] ROCK, PETER JOSEPH, JR., US
[72] GOLDENBERG, MATTHEW, US
[72] HENNING, LAUREN ASHLEY, US
[72] PRESCOTT, JEFFREY MILES MCMILLEN, US
[72] SHANNON, KEVIN ROBERT, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-21
[41] 2017-01-30
[30] US (14/813,272) 2015-07-30

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[21] **2,936,679**
[13] A1
[51] **Int.Cl. C04B 35/80 (2006.01) B28B 1/52 (2006.01)**
[25] EN
[54] **IMPROVED UNIFORMITY OF FIBER SPACING IN CMC MATERIALS**
[54] **UNIFORMITE AMELIOREE D'ESPACEMENT DE FIBRES DANS LES MATERIAUX COMPOSITES CERAMIQUES**
[72] WEAVER, JARED HOGG, US
[72] CORMAN, GREGORY SCOT, US
[72] DUNN, DANIEL GENE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-21
[41] 2017-01-30
[30] US (14/813,271) 2015-07-30

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[21] **2,936,753**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **OVERSTOCK INVENTORY SORTING AT RETAIL SALES FACILITIES**
[54] **TRI DE SURPLUS D'INVENTAIRES DANS LES INSTALLATIONS DE VENTE AU DETAIL**
[72] JONES, MATTHEW A., US
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] FLETTER, MARC A., US
[72] SHIELDS, DANIEL R., US
[71] WAL-MART STORES, INC., US
[22] 2016-07-21
[41] 2017-02-03
[30] US (62/200,518) 2015-08-03

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[21] **2,936,754**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **OVERSTOCK INVENTORY MANAGEMENT AT RETAIL SALES FACILITIES**
[54] **GESTION DE SURPLUS D'INVENTAIRE DANS LES INSTALLATIONS DE VENTE AU DETAIL**
[72] JONES, MATTHEW A., US
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] FLETTER, MARC A., US
[72] SHIELDS, DANIEL R., US
[71] WAL-MART STORES, INC., US
[22] 2016-07-21
[41] 2017-02-04
[30] US (62/201,034) 2015-08-04

[21] **2,936,763**
[13] A1
[51] **Int.Cl. G06Q 30/06 (2012.01) H04L 12/16 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR EXECUTING ON-LINE PURCHASES**
[54] **APPAREIL ET METHODE D'EXECUTION D'ACHATS EN LIGNE**
[72] CLARK, JIMMIE R., US
[72] JOHNSON, CHRISTOPHER SOAMES, US
[72] PAYNE, MICHAEL LAWERANCE, US
[71] WAL-MART STORES, INC., US
[22] 2016-07-21
[41] 2017-01-31
[30] US (62/199,376) 2015-07-31

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[21] **2,936,764**
[13] A1
[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 30/02 (2012.01)**
[25] EN
[54] **SENSORY STIMULATION CONTROLS FOR RETAIL ENVIRONMENT**
[54] **COMMANDES DE STIMULATION SENSORIELLE DESTINEES A UN ENVIRONNEMENT DE DETAIL**
[72] THOMPSON, JOHN PAUL, US
[71] WAL-MART STORES, INC., US
[22] 2016-07-21
[41] 2017-02-04
[30] US (62/200,808) 2015-08-04

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[21] **2,936,904**
[13] A1
[51] **Int.Cl. A61K 31/427 (2006.01) A61K 31/517 (2006.01) A61P 35/00 (2006.01)**
[25] FR
[54] **NOVEL ASSOCIATION BETWEEN 3-[(3-{[4-(4-MORPHOLINYLMETHYL)-1H-PYRROL -2-YL]METHYLENE}-2-OXO-2,3-DIHYDRO-1H-INDOL-5-YL)METHYL}-1,3-THIAZOLIDINE-2,4-DIONE AND A TYR KINASE INHIBITOR FOR EGFR**
[54] **NOUVELLE ASSOCIATION ENTRE LE 3-[(3-{[4-(4-MORPHOLINYLMETHYL)-1H-PYRROL -2-YL]METHYLENE}-2-OXO-2,3-DIHYDRO-1H-INDOL-5-YL)METHYL}-1,3-THIAZOLIDINE-2,4-DIONE ET UN INHIBITEUR DE LA TYR KINASE DU EGFR**
[72] BURBRIDGE, MICHAEL, FR
[72] CATTAN, VALERIE, FR
[72] JACQUET-BESCOND, ANNE, FR
[71] LES LABORATOIRES SERVIER, FR
[22] 2016-07-21
[41] 2017-01-31
[30] FR (15/57412) 2015-07-31

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[21] **2,936,981**
[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **OUT OF STOCK ITEM TRACKING AT RETAIL SALES FACILITIES**
[54] **SUIVI D'ARTICLE EN RUPTURE DE STOCK DANS LES INSTALLATIONS DE VENTE AU DETAIL**
[72] JONES, NICHOLAUS A., US
[72] TAYLOR, ROBERT J., US
[72] JONES, MATTHEW A., US
[71] WAL-MART STORES, INC., US
[22] 2016-07-22
[41] 2017-02-03
[30] US (62/200,431) 2015-08-03

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[21] **2,937,097**
[13] A1
[51] **Int.Cl. E21C 39/00 (2006.01) E21C 35/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR MONITORING EXTRACTION HEIGHT AND VOLUME OF MATERIAL EXTRACTED FOR A MINING MACHINE**
[54] **SYSTEMES ET METHODES DE SURVEILLANCE DE HAUTEUR D'EXTRACTION ET DE VOLUME DE MATIERE EXTRAITE DESTINES A UNE MACHINE D'EXPLOITATION MINIERE**
[72] BROTHERTON, JOSHUA V., US
[72] DOERNER, JUSTIN S., US
[71] JOY MM DELAWARE, INC., US
[22] 2016-07-25
[41] 2017-01-31
[30] US (62/199,550) 2015-07-31

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[21] **2,937,185**
[13] A1
[51] **Int.Cl. G06F 17/30 (2006.01) G06Q 30/00 (2012.01)**
[25] EN
[54] **RANKING OF SEARCH RESULTS BASED ON CUSTOMER INTENT**
[54] **CLASSEMENT DES RESULTATS DE RECHERCHE FONDE SUR L'INTENTION DU CLIENT**
[72] WODDI, TARAKNATH, US
[72] EDWARDS, JONATHAN, US
[72] WOUNDY, STEPHEN, US
[72] RAMANATHAN, VENKATESAN, US
[71] STAPLES, INC., US
[22] 2016-07-26
[41] 2017-02-03
[30] US (62/200632) 2015-08-03
[30] US (14/981041) 2015-12-28

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[21] **2,937,200**
[13] A1
[51] **Int.Cl. E04D 13/14 (2006.01)**
[25] EN
[54] **ROOF FLASHING FOR A PIPE OR DUCT**
[54] **SOLIN DE TOIT DESTINE A UN TUYAU OU UN CONDUIT**
[72] SAIKKONEN, EERO, FI
[71] SK TUOTE OY, FI
[22] 2016-07-27
[41] 2017-01-30
[30] FI (20155570) 2015-07-30

[21] **2,937,210**
[13] A1
[51] **Int.Cl. C07D 498/10 (2006.01) A61K 31/438 (2006.01) A61K 31/4439 (2006.01) A61K 31/5386 (2006.01) A61K 31/675 (2006.01) C07D 211/48 (2006.01) C07D 295/185 (2006.01) C07D 401/04 (2006.01) C07D 401/12 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01) C07D 471/10 (2006.01) C07D 487/04 (2006.01) C07D 487/08 (2006.01) C07D 491/107 (2006.01) C07D 515/10 (2006.01)**
[25] EN
[54] **1,1,1-TRIFLUORO-3-HYDROXYPROPAN-2-YL CARBAMATE DERIVATIVES AND 1,1,1-TRIFLUORO-4-HYDROXYBUTAN-2-YL CARBAMATE DERIVATIVES**
[54] **DERIVES DE 1,1,1-TRIFLUORO-3-HYDROXYPROPAN-2-YL CARBAMATE ET DERIVES DE 1,1,1-TRIFLUORO-4-HYDROXYBUTAN-2-YL CARBAMATE**
[72] BECK, ELIZABETH MARY, GB
[72] BRODNEY, MICHAEL AARON, US
[72] BUTLER, CHRISTOPHER RYAN, US
[72] GILBERT, ADAM MATTHEW, US
[72] HELAL, CHRISTOPHER JOHN, US
[72] JOHNSON, DOUGLAS SCOTT, US
[72] MCALLISTER, LAURA ANN, US
[72] MONTGOMERY, JUSTIN IAN, US
[72] O'NEIL, STEVEN VICTOR, US
[72] ROGERS, BRUCE NELSEN, US
[72] VERHOEST, PATRICK ROBERT, US
[72] WEBB, DAMIEN, US
[71] PFIZER INC., US
[22] 2016-07-27
[41] 2017-01-31
[30] US (62/199,330) 2015-07-31
[30] US (62/335,290) 2016-05-12

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[21] **2,937,230**
[13] A1
[51] **Int.Cl. G01J 3/02 (2006.01)**
[25] EN
[54] **A SYSTEM, METHOD AND APPARATUS FOR IMPROVING THE SPECTRAL RESOLUTION AND SIGNAL-TO-NOISE RATION OF OPTICAL SPECTROMETER USING DIGITAL BEAM REFOCUSING, REFORMING, SLICING, AND MULTIPLEXING**
[54] **SYSTEME, METHODE ET APPAREIL DESTINES A L'AMELIORATION DE LA RESOLUTION SPECTRALE ET DU RAPPORT SIGNAL-BRUIT D'UN SPECTROMETRE OPTIQUE AU MOYEN DE LA RECONCENTRATION, DU REFORMAGE, DU TRANCHAGE ET DU MULTIPLEXAGE D'UN FAISCEAU NUMERIQUE**
[72] WONG, ALEXANDER SHEUNG LAI, CA
[72] KAZEMZADEH, FARNOUD, CA
[71] WONG, ALEXANDER SHEUNG LAI, CA
[71] KAZEMZADEH, FARNOUD, CA
[22] 2016-07-26
[41] 2017-01-31
[30] US (62/199,732) 2015-07-31

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[21] **2,937,231**
[13] A1
[51] **Int.Cl. A61B 18/14 (2006.01) A61B 5/042 (2006.01) A61M 25/10 (2013.01)**
[25] EN
[54] **DUAL BASKET CATHETER**
[54] **CATHETER A PANIER DOUBLE**
[72] SOLIS, MARIO A., US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-07-27
[41] 2017-01-29
[30] US (14/812,519) 2015-07-29

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[21] **2,937,240**
[13] A1
[51] **Int.Cl. B01J 37/00 (2006.01) C10G 2/00 (2006.01)**
[25] FR
[54] **PREPARATION PROCESS FOR A CATALYST TO BE USED IN A FISCHER-TROPSCH REACTION**
[54] **PROCEDE DE PREPARATION D'UN CATALYSEUR DESTINE A ETRE MIS EN OEUVRE DANS UNE REACTION FISCHER-TROPSCH**
[72] DIEHL, FABRICE, FR
[72] VIGUIE, JEAN-CHRISTOPHE, FR
[71] IFP ENERGIES NOUVELLES, FR
[22] 2016-07-26
[41] 2017-01-31
[30] FR (15 57 396) 2015-07-31

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[21] **2,937,251**
[13] A1
[51] **Int.Cl. E21B 12/00 (2006.01) E21B 7/00 (2006.01)**
[25] EN
[54] **SOUND ABSORBER FOR A DRILLING APPARATUS**
[54] **DISPOSITIF ABSORBANT LE SON DESTINE A UN APPAREIL DE FORAGE**
[72] AUTHIER, STEPHEN, CA
[71] ASDR CANADA INC., CA
[22] 2016-07-28
[41] 2017-01-31
[30] US (62199556) 2015-07-31

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[21] **2,937,256**
[13] A1
[51] **Int.Cl. B61L 25/06 (2006.01)**
[25] EN
[54] **TRACK TEST LOAD DEVICE, TRACK TEST LOAD SYSTEM, AND METHOD FOR TESTING A CONSTANT WARNING TIME DEVICE**
[54] **DISPOSITIF DE CHARGEMENT D'ESSAI DE SUIVI, SYSTEME DE CHARGEMENT D'ESSAI DE SUIVI ET METHODE D'ESSAI D'UN DISPOSITIF TEMPOREL D'AVERTISSEMENT CONSTANT**
[72] HARP, BRIAN, US
[72] YOCUM, JAY, US
[71] SIEMENS INDUSTRY, INC., US
[22] 2016-07-27
[41] 2017-01-29
[30] US (14/812,639) 2015-07-29

[21] **2,937,257**
[13] A1
[51] **Int.Cl. C07D 498/18 (2006.01) A61K 31/439 (2006.01)**
[25] EN
[54] **CRYSTALLINE FORM OF LORLATINIB FREE BASE**
[54] **FORME CRISTALLINE D'UNE BASE EXEMPTE DE LOLATINIB**
[72] BIRCH, MELISSA J., GB
[72] PENCHEVA, KLIMENTINA DIMITROVA, GB
[71] PFIZER INC., US
[22] 2016-07-27
[41] 2017-01-31
[30] US (62/199,418) 2015-07-31
[30] US (62/352,349) 2016-06-20

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[21] **2,937,258**
[13] A1
[51] **Int.Cl. B01D 27/08 (2006.01) B01D 35/02 (2006.01)**
[25] EN
[54] **FILTER FOR HYDRAULIC FLUIDS FOR HYDRAULIC CIRCUITS AND PROCESS OF MAKING THE SAME**
[54] **FILTRE DE FLUIDES HYDRAULIQUES DESTINE A DES CIRCUITS HYDRAULIQUES ET PROCEDE DE FABRICATION ASSOCIE**
[72] PASTORI, CLAUDIO, IT
[71] MP FILTRI S.P.A., IT
[22] 2016-07-27
[41] 2017-01-30
[30] IT (102015000040473) 2015-07-30

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[21] **2,937,263**
[13] A1
[51] **Int.Cl. F03D 1/06 (2006.01)**
[25] EN
[54] **ROTOR BLADE WITH INTERIOR SHELF FOR A FLAT PLATE SPAR CAP**
[54] **PALE DE ROTOR DOTEE D'UNE TABLETTE INTERIEURE DE SEMELLE DE LONGERON PLATE**
[72] CARUSO, CHRISTOPHER DANIEL, US
[72] YARBROUGH, AARON A., US
[72] HYNUM, DANIEL ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-28
[41] 2017-01-30
[30] US (14/813,505) 2015-07-30

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[21] **2,937,264**
[13] A1
[51] **Int.Cl. F04B 49/06 (2006.01) E21B 43/12 (2006.01) F04B 47/00 (2006.01) G05B 19/042 (2006.01)**
[25] EN
[54] **PUMPING CONTROL UNIT AND METHOD OF COMPUTING A TIME-VARYING DOWNHOLE PARAMETER**
[54] **MODULE DE COMMANDE DE POMPAGE ET METHODE DE CALCUL D'UN PARAMETRE DE FOND DE TROU A VARIATION TEMPORELLE**
[72] JEONG, YOUNKOO, US
[72] MAO, YING, US
[72] CHEN, ZENGSHI, US
[72] SIVARAMAKRISHNAN, SHYAM, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-28
[41] 2017-02-03
[30] US (14/816,925) 2015-08-03

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[13] A1
[51] **Int.Cl. E21B 43/12 (2006.01) F04B 47/02 (2006.01) F04B 49/06 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM AND METHOD OF CONTROLLING A ROD PUMPING UNIT**
[54] **SYSTEME DE COMMANDE ET METHODE DE COMMANDE D'UN MODULE DE POMPAGE A TIGE**
[72] SIVARAMAKRISHNAN, SHYAM, US
[72] SINGAL, KALPESH, US
[72] DOYLE, DAVID WARREN, US
[72] ZAMANIAN, FATEMEH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-28
[41] 2017-01-30
[30] US (14/814,226) 2015-07-30

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[21] **2,937,272**
[13] A1
[51] **Int.Cl. H02K 1/06 (2006.01) H02K 3/04 (2006.01)**
[25] EN
[54] **DIRECT CURRENT MACHINE AND METHOD FOR MANUFACTURING A DIRECT CURRENT MACHINE**
[54] **MACHINE A COURANT CONTINU ET METHODE DE FABRICATION D'UNE MACHINE A COURANT CONTINU**
[72] BITZER, PAUL-GERHARD, DE
[72] KAUFFMANN, HARALD, DE
[71] ALBER GMBH, DE
[22] 2016-07-28
[41] 2017-02-04
[30] DE (10 2015 112 768.7) 2015-08-04

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[13] A1
[51] **Int.Cl. D21C 11/00 (2006.01)**
[25] FR
[54] **DEVICE AND TREATMENT PROCESS BY HYDROTHERMAL LIQUIFACTION FOR BLACK LIQUOR FROM THE PREPARATION OF PAPER PASTE**
[54] **DISPOSITIF ET PROCEDE DE TRAITEMENT DE LA LIQUEUR NOIRE PROVENANT DE LA PREPARATION DE PATE A PAPIER PAR LIQUEFACTION HYDROTHERMALE**
[72] HUET, MARION, FR
[72] LACHENAL, DOMINIQUE, FR
[72] ROUBAUD, ANNE, FR
[71] COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALERNATIVES, FR
[22] 2016-07-28
[41] 2017-01-31
[30] FR (1557351) 2015-07-31

[21] **2,937,338**
[13] A1
[51] **Int.Cl. C09J 161/12 (2006.01) C07G 1/00 (2011.01) C10G 1/00 (2006.01)**
[25] EN
[54] **LOW VISCOSITY BIO-OILS AS SUBSTRATES FOR BPF ADHESIVES WITH LOW FREE FORMALDEHYDE EMISSION LEVELS, THEIR METHODS OF PREPARATION AND USE**
[54] **BIO-HUILES A FAIBLE VISCOSITE COMME SUBSTRATS D'ADHESIFS BFP AYANT DE FAIBLES NIVEAUX D'EMISSION DE FORMALDEHYDE LIBRE, LEURS PROCEDES DE PREPARATION ET UTILISATION**
[72] CHEN, HAIYONG, CA
[72] XU, CHUNBAO, CA
[72] FENG, SHANGHUAN, CA
[72] WANG, YAN, CA
[71] ACE ECONERGY INC., CA
[22] 2016-07-28
[41] 2017-01-30
[30] US (62/198,747) 2015-07-30

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[21] **2,937,342**
[13] A1
[51] **Int.Cl. H04N 21/458 (2011.01) H04N 21/441 (2011.01) H04N 21/8545 (2011.01)**
[25] EN
[54] **INSERTING PERSONALIZED INFORMATION INTO DIGITAL CONTENT**
[54] **INSERTION D'INFORMATION PERSONNALISEE DANS UN CONTENU NUMERIQUE**
[72] MCDONOUGH, JOHN C., US
[72] STERN, HADLEY RUPERT, US
[71] FMR LLC, US
[22] 2016-07-28
[41] 2017-01-31
[30] US (14/815,417) 2015-07-31

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[21] **2,937,363**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR IDENTIFYING INFLUENTIAL SOCIAL MEDIA AND PROVIDING LOCATION-BASED ALERTS**
[54] **SYSTEME ET METHODE D'IDENTIFICATION DE MEDIA SOCIAL INFLUENT ET DE FOURNITURE D'ALERTES FONDEES SUR L'EMPLACEMENT**
[72] HARRIS, PHILIP, US
[72] MITCHELL, SCOTT, US
[72] MULROY, MICHAEL, US
[71] GEOFEEDIA, INC., US
[22] 2016-07-28
[41] 2017-01-29
[30] US (14/813,039) 2015-07-29

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[21] **2,937,374**
[13] A1
[51] **Int.Cl. D21F 7/08 (2006.01) D21H 21/02 (2006.01)**
[25] EN
[54] **METHOD OF IMPROVING PAPER MACHINE FABRIC PERFORMANCE**
[54] **METHODE D'AMELIORATION DU RENDEMENT DE BANDE DE MACHINE A PAPIER**
[72] MAHLER, BRANDON, US
[72] LASER, HAROLD, US
[71] DUBOIS CHEMICALS, INC., US
[22] 2016-07-28
[41] 2017-01-29
[30] US (62/198,517) 2015-07-29

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[21] **2,937,433**
[13] A1
[51] **Int.Cl. C08F 8/32 (2006.01) C08F 8/46 (2006.01) C08F 10/08 (2006.01) C10M 159/12 (2006.01) C10M 159/20 (2006.01)**
[25] EN
[54] **DISPERSANT ADDITIVES AND ADDITIVE CONCENTRATES AND LUBRICATING OIL COMPOSITIONS CONTAINING SAME**
[54] **ADDITIFS DISPERSANTS ET CONCENTRES D'ADDITIF ET COMPOSITIONS D'HUILE LUBRIFIANTE EN RENFERMANT**
[72] EMERT, JACOB, US
[72] OBEROI, SONIA, US
[72] HU, GANG, US
[72] HOBIN, PETER J., GB
[72] STRANGE, GARETH B. L., GB
[72] CATANI, ALESSANDRA, IT
[72] FITTER, CLAIRE L., GB
[72] MILLINGTON, JAMES R., GB
[71] INFINEUM INTERNATIONAL LIMITED, GB
[22] 2016-07-29
[41] 2017-01-30
[30] US (14/813,257) 2015-07-30

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[21] **2,937,450**
[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) H04L 12/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR ANALYZING SOCIAL MEDIA USERS BASED ON USER CONTENT POSTED FROM MONITORED LOCATIONS**
[54] **SYSTEME ET METHODE D'ANALYSE D'UTILISATEURS DE MEDIAS SOCIAUX FONDEE SUR LE CONTENU UTILISATEUR AFFICHE A PARTIR D'EMPLACEMENTS SURVEILLES**
[72] HARRIS, PHILIP, US
[72] MITCHELL, SCOTT, US
[72] MULROY, MICHAEL, US
[71] GEOFEEDIA, INC., US
[22] 2016-07-28
[41] 2017-01-29
[30] US (14/813,031) 2015-07-29

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[13] A1
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[25] EN
[54] **METHOD FOR FORMING A SEALING ASSEMBLY**
[54] **METHODE DE FACONNAGE D'UN DISPOSITIF D'ETANCHEISATION**
[72] KILANOWSKI, ROBERT, CA
[72] GAGNON, LUC, CA
[72] JOLY, STEPHANE, CA
[71] PLASTIQUES NOVAPROFIL INC., CA
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[54] **METHODS AND SYSTEMS FOR BOOKING AND MANAGING PERSONAL SERVICE APPOINTMENTS**
[54] **METHODES ET SYSTEMES DE RESERVATION ET DE GESTION DE RENDEZ-VOUS DE SERVICE PERSONNEL**
[72] KELLER, SCOTT, CA
[71] KELLER, SCOTT, CA
[22] 2016-07-29
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[54] **AIRCRAFT SEED BROADCASTING SYSTEMS, APPARATUS AND METHODS**
[54] **SYSTEMES, APPAREIL ET METHODE DE DIFFUSION DE SEMENCE D'UN AERONEF**
[72] CHASE, ERIC D., US
[71] MANSFIELD HELIFLIGHT, INC., US
[22] 2016-07-29
[41] 2017-01-31
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[25] EN
[54] **SEQUENTIAL RE-COMPLETIONS OF HORIZONTAL WELLS IN UNCONSOLIDATED SAND RESERVOIRS TO INCREASE NON-THERMAL PRIMARY HEAVY OIL RECOVERY**
[54] **RECOMPLETIONS SEQUENTIELLES DE PUITS HORIZONTAUX DANS LES RESERVOIRS DE SABLE NON CONSOLIDES EN VUE D'ACCROITRE LA RECUPERATION DE PETROLE LOURD PRIMAIRE NON THERMIQUE**
[72] CADRIN, DAVID, CA
[71] CADRIN, DAVID, CA
[22] 2016-07-29
[41] 2017-01-30
[30] CA (2,899,222) 2015-07-30

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[54] **SPARE TIRE CARRIER FUEL TANK**
[54] **RESERVOIR D'ESSENCE ASSOCIE A UNE ROUE DE SECOURS**
[72] ANDERSON, KLINT S., US
[71] ANDERSON, KLINT S., US
[22] 2016-08-01
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[54] **PROCESS FOR THE ANAEROBIC FERMENTATION OF BIOGENIC WASTE MATERIALS AND PLANT FOR CARRYING OUT THIS PROCESS**
[54] **PROCEDE DE FERMENTATION ANAEROBIE DE MATERIAUX DE DECHETS BIOGENIQUES ET INSTALLATION DESTINEE A MENER LE PROCEDE**
[72] SCHATZ, ADRIAN, CH
[72] LEISNER, RENE, DE
[71] HITACHI ZOSEN INOVA AG, CH
[22] 2016-07-29
[41] 2017-01-31
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[54] **LOW SPEED TRANSPORT DOCKING STATION**
[54] **POSTE D'ACCOSTAGE ET DE TRANSPORT BASSE VITESSE**
[72] PRIBYL, RALPH, US
[71] DIVERSE GLOBAL SOURCING, INC., US
[22] 2016-07-29
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[54] **WAKEBOAT DRAFT MEASURING SYSTEM AND METHODS**
[54] **DISPOSITIF ET METHODE DE MESURE DU TIRANT D'EAU D'UN BATEAU « WAKEBOAT »**
[72] HARTMAN, RICHARD L., US
[71] SKIER'S CHOICE, INC., US
[22] 2016-07-29
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[25] EN
[54] HEAD SUPPORT FOR STOPPING AIRWAY DISORDERS
[54] SUPPORT DE TETE DESTINE A METTRE FIN AUX TROUBLES DES VOIES RESPIRATOIRES
[72] HERRNSDORF, JOHANNES, DE
[72] EDLER VON JANECEK, HUBERTUS, CN
[71] NITETRONIC HOLDING LIMITED, KY
[22] 2016-07-29
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[54] SYSTEMS, METHODS AND DEVICES FOR EXTRACTION, AGGREGATION, ANALYSIS AND REPORTING OF FINANCIAL DATA
[54] SYSTEMES, METHODES ET APPAREILS D'EXTRACTION, AGREGATION, ANALYSE ET RAPPORT DE DONNEES FINANCIERES
[72] DEMBO, RON, CA
[71] STRESSCO INC., CA
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[54] PROCESSES, ENZYMES AND MICROORGANISMS FOR DEPOLYMERIZING POLYESTER PLASTICS
[54] PROCEDES, ENZYMES ET MICRO-ORGANISMES DE DEPOLYMERISATION DES PLASTIQUES DE POLYESTER
[72] HAJIGHASEMI, MAHBOD, CA
[72] EDWARDS, ELIZABETH ANNE, CA
[72] IAKOUNINE, ALEXANDER, CA
[71] ZYMOMATICA INC., CA
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[54] SYSTEMS AND METHODS FOR CROP HEALTH MONITORING, ASSESSMENT AND PREDICTION
[54] SYSTEMES ET METHODES DE SURVEILLANCE, EVALUATION ET PREVISION DE LA SANTE D'UNE CULTURE
[72] MIRESMAILLI, SABER, CA
[72] ANTIKCHI, MARYAM, CA
[71] ECOATION INNOVATIVE SOLUTIONS INC., CA
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[54] MULTI-SENSOR PLATFORM FOR CROP HEALTH MONITORING
[54] PLATEFORME MULTICAPTEUR DESTINEE A LA SURVEILLANCE DE LA SANTE D'UNE CULTURE
[72] MIRESMAILLI, SABER, CA
[72] ISMAN, MURRAY B., CA
[72] ANTIKCHI, MARYAM, CA
[71] ECOATION INNOVATIVE SOLUTIONS INC., CA
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[54] SUBTERRANEAN GASIFICATION SYSTEM AND METHOD
[54] SYSTEME ET METHODE DE GAZEIFICATION SOUTERRAINE
[72] PICHACH, GARY, CA
[71] PICHACH, GARY, CA
[22] 2016-08-02
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[54] CRYPTOGRAPHIC KEY LOADER EMBEDDED IN REMOVABLE DATA CARTRIDGE
[54] CHARGEUR DE CLE CRYPTOGRAPHIQUE INTEGRE DANS UNE CARTOUCHE DE DONNEES AMOVIBLE
[72] ANTHONY, DEVEN J., US
[72] CREECH, JOHN JARED, US
[71] GE AVIATION SYSTEMS LLC, US
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[54] **CRYPTOGRAPHIC KEY SERVER EMBEDDED IN DATA TRANSFER SYSTEM**
[54] **SERVEUR DE CLE CRYPTOGRAPHIQUE INTEGRE DANS UN SYSTEME DE TRANSFERT DE DONNEES**
[72] ANTHONY, DEVEN J., US
[72] CREECH, JOHN JARED, US
[72] PIERCE, DAVID BARNARD, US
[72] STEFFLER, JOSEPH BERNARD, US
[72] PRUIETT, JAY ROBERT, US
[71] GE AVIATION SYSTEMS LLC, US
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[54] **CONTEXTUAL INFORMATION FOR AUDIO-ONLY STREAMS IN ADAPTIVE BITRATE STREAMING**
[54] **INFORMATION CONTEXTUELLE DESTINEE AUX FLUX AUDIO SEULEMENT DANS LA DIFFUSION EN CONTINU MULTIDEBIT**
[72] RAMAMURTHY, SHAILESH, IN
[72] SHANMUGAN, SENTHILPRABU VADHUGEPALAYAM, IN
[72] NAGARAJAMOORTHY, KARTHICK SOMALINGA, IN
[72] SHROT, MANU, IN
[71] ARRIS ENTERPRISES LLC, US
[22] 2016-08-02
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[54] **HIDDEN BOARD ANCHOR**
[54] **ANCRAGE CACHE**
[72] MITCHELL, STEVEN A., US
[71] ROYAL GROUP, INC., US
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[41] 2017-02-03
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[25] EN
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[54] **FERMETURE DE QUEUE DE ROULEAU ULTRASONIQUE D'UN PROCEDE DE MATERIAU DE BANDE NON TISSE ET APPAREIL**
[72] MATHY, JOHN MADDEN, JR., US
[72] CHASE, MICHAEL CARL, US
[72] SNELL, ZAKARI HINTON, US
[72] MARKLE, JOHN J., II, US
[71] ELSNER ENGINEERING WORKS, INC., US
[22] 2016-08-02
[41] 2017-02-03
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[25] EN
[54] **POWDER RECIRCULATING ADDITIVE MANUFACTURING APPARATUS AND METHOD**
[54] **APPAREIL ET METHODE DE FABRICATION D'ADDITIF A RECIRCULATION DE POUDRE**
[72] RENGERS, STEVE HUBERT, US
[72] STEVENSON, CHRISTIAN XAVIER, US
[72] WELSH, CHARLES MICHAEL, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-07-28
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[25] EN
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[54] **PORTE EN BOIS A ACOUSTIQUE HAUT RENDEMENT**
[72] NELSON, ANDREW N., US
[71] AADG, INC., US
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[54] **CRYPTOGRAPHIC IGNITION KEY (CIK) EMBEDDED IN REMOVABLE DATA CARTRIDGE**
[54] **CLE D'ALLUMAGE CRYPTOGRAPHIQUE INTEGREE DANS UNE CARTOUCHE DE DONNEES AMOVIBLE**
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[72] CREECH, JOHN JARED, US
[71] GE AVIATION SYSTEMS LLC, US
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[54] **CONFIGURING CRYPTOGRAPHIC SYSTEMS**
[54] **CONFIGURATION DE SYSTEMES CRIPTOGRAPHIQUES**
[72] ANTHONY, DEVEN J., US
[72] CREECH, JOHN JARED, US
[72] PIERCE, DAVID BARNARD, US
[72] STEFFLER, JOSEPH BERNARD, US
[72] PRUIETT, JAY ROBERT, US
[71] GE AVIATION SYSTEMS LLC, US
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[54] AUTOMATED SAMPLE PROCESSING INSRUMENTS, SYSTEMS, PROCESSES, AND METHODS
[54] INSTRUMENTS DE TRAITEMENT D'ECHANTILLON AUTOMATISE, SYSTEMES, PROCEDES ET METHODES
[72] SILBERT, ROLF, US
[71] GEN-PROBE INCORPORATED, US
[22] 2016-07-29
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[25] EN
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[54] INSTALLATION VERTICALE A PRODUCTION HORIZONTALE POUR L'EXTRACTION DE PETROLE LOURD
[72] FILSTEIN, ALEXANDER, CA
[72] BEN-ZVI, AMOS, CA
[71] CENOVUS ENERGY INC., CA
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[54] APPAREIL D'ALIMENTATION D'EAU PORTABLE
[72] OUELLETTE, JAMES-ROY, CA
[71] OUELLETTE, JAMES-ROY, CA
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[54] VANNE FLUIDIQUE
[72] FRIPPIAT, CEDRIC, BE
[72] BOMAL, JEAN-CHRISTIAN, BE
[72] PAULUS, NICOLAS, BE
[71] SAFRAN AERO BOOSTERS S.A., BE
[22] 2016-08-01
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[54] GODET D'EXCAVATRICE DOTE D'UN BRISE-BETON DEPLOYABLE DE MANIERE INTERNE
[72] UNDERWOOD, LOWELL, US
[71] UNDERWOOD, LOWELL, US
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[41] 2017-02-04
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[54] COMPRESSEUR ELECTRIQUE DESTINE A UN MECANISME ANTIGIVRE D'AILE
[72] DEROY, ROBERT M., US
[71] HAMILTON SUNDSTRAND CORPORATION, US
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[54] SYSTEMES ET METHODES DE RECOMMANDATION D'OUTIL
[72] FRENCH, JOSHUA NEAL, US
[72] DENGER, FOREST, US
[72] WILLIAMS, M. SCOTT, US
[72] MONTGOMERY, ANITA B., US
[72] PENG, ZHIYUAN, US
[72] TIEMEYER, RYAN, US
[72] VORUGANTI, ANITHA, US
[72] HENDERSON, CARRIE, US
[72] YAO, KAN, US
[72] SHULER, JOHNATHON R., US
[71] WAL-MART STORES, INC., US
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[54] SYSTEME DE PLANIFICATION D'UTILISATION ET DE GESTION DES RESSOURCES, NOTAMMENT POUR LA PLANIFICATION D'HORAIRE DE CONDUITE ET D'HORAIRE DE MACHINE DANS LE SECTEUR DU TRANSPORT
[72] GIRARDI, LEOPOLDO, IT
[71] MANAGEMENT, ARTIFICIAL INTELLIGENCE AND OPERATIONS RESEARCH SOCIETA' A RESPONSABILITA' LIMITATA, IT
[22] 2016-08-02
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[25] FR
[54] **COLLECTION SYSTEM FOR PHOTOMETRIC DATA WITH IMPROVED REPEATABILITY**
[54] **SYSTEME DE RELEVE DE DONNEES PHOTOMETRIQUES A REPETABILITE AMELIOREE**
[72] DAEL, CLEMENCE, FR
[72] HORTON, FRANCK, FR
[72] LEBRET, JEAN, FR
[71] BOUYGUES ENERGIES ET SERVICES, FR
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[54] **STERILE CASE FOR ELECTRONIC DEVICES USED IN MEDICAL PROCEDURES**
[54] **BOITIER STERILE DESTINE AUX DISPOSITIFS ELECTRONIQUES UTILISES LORS D'INTERVENTIONS MEDICALES**
[72] ZONDERVAN, ROBERT L., US
[71] STERIDEV, LLC, US
[22] 2016-08-03
[41] 2017-02-04
[30] US (62/200835) 2015-08-04
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[54] **VEHICLE LIGHT ASSEMBLY WITH MULTIPLE LIGHT ARRAYS**
[54] **ASSEMBLAGE LEGER DE VEHICULE COMPORTANT PLUSIEURS RESEAUX D'ECLAIRAGE**
[72] CHEN, CHUN-CHIH, TW
[71] OPTRONICS INTERNATIONAL, LLC, US
[22] 2016-08-03
[41] 2017-02-03
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[25] EN
[54] **ANALYTIC DATA CAPTURING AND PROCESSING SYSTEM AND METHOD**
[54] **CAPTURE DE DONNEES ANALYTIQUES ET SYSTEME ET METHODE DE TRAITEMENT**
[72] WELBOURNE, NEAL D., US
[72] OTIS, KEVIN D., US
[72] MERRITT, BRADFORD DUNCAN, US
[71] EVENTLINK, LLC, US
[22] 2016-08-04
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[54] **GOLF PRACTICE DEVICE**
[54] **APPAREIL DE PRATIQUE DE GOLF**
[72] HOOPER, MICHAEL, CA
[72] NICHOL, SCOTT, CA
[71] FIBERBUILT MANUFACTURING INC., CA
[22] 2016-08-04
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[54] **A CLOSURE MEMBER AND THE METHOD OF MAKING THE SAME**
[54] **UN DISPOSITIF DE FERMETURE ET UN PROCEDE DE FABRICATION ASSOCIE**
[72] WANG, KUEI-YUNG, TW
[71] NAN YA PLASTICS CORPORATION, TW
[22] 2016-11-10
[41] 2017-01-31
[30] US (62/280,875) 2016-01-20
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PCT Applications Entering the National Phase

Demandes PCT entrant en phase nationale

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[54] **PROCEDE ET SYSTEME UTILISANT UN CONTROLE DE POINT DE CONSIGNE POUR LE MAINTIEN DE LA QUALITE D'HUILE DANS UNE FRITEUSE**
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[72] MORRIS, MAKE, US
[72] HASLEY, DARON, US
[72] THEODOS, MICHAEL ANDREW, US
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[71] ALTACHEM NV, BE
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[72] DUONG, SIEU T., US
[72] DUONG, HANH H., US
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[71] XLUMENA, INC., US
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[54] **METHOD FOR TRANSMITTING DATA IN WIRELESS COMMUNICATION SYSTEM AND APPARATUS THEREFOR**
[54] **METHODE DE TRANSMISSION DE DONNEES DANS UN SYSTEME DE COMMUNICATION SANS FIL ET APPAREIL ASSOCIE**
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[72] RYU, KISEON, KR
[72] KIM, JEONGKI, KR
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[54] **PROCEDE DE FABRICATION DE STRATIFIES**
[72] KALWA, NORBERT, DE
[71] FLOORING TECHNOLOGIES LTD., MT
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[54] **CATALYSEURS D'HYDROGENATION DE METAUX NOBLES AYANT UNE FAIBLE ACTIVITE DE CRAQUAGE**
[72] LANCI, MICHAEL P., US
[72] SOLED, STUART L., US
[72] GUZMAN, JAVIER, US
[72] MISEO, SABATO, US
[72] GREEN, THOMAS ELMER, US
[72] BAUMGARTNER, JOSEPH ERNEST, US
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[54] **METHOD AND APPARATUS FOR PRODUCING MILLED ELASTOMER**
[54] **PROCEDE ET APPAREIL POUR PRODUIRE UN ELASTOMERE BROYE**
[72] MOLDOVAN, GYORGY, HU
[72] KOSTYAL, GABOR, HU
[72] KOSTYAL, FERENC GYORGY, HU
[72] CSAKO, ANTAL, HU
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[54] **APPAREIL RESPIRATOIRE A RESISTANCE**
[72] DANFORD, CASEY, US
[71] TRAININGMASK L.L.C., US
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[54] **COMPOSITIONS OF MONO-ALKYL ETHERS OF MONOANHYDRO-HEXITOLS, PRODUCTION METHODS THEREOF AND USE OF SAME**
[54] **COMPOSITIONS D'ETHERS MONO-ALKYLIQUES DE MONOANHYDRO-HEXITOLS, PROCEDES DE PREPARATION ET LEUR UTILISATION**
[72] GOZLAN, CHARLOTTE, FR
[72] DUGUET, NICOLAS, FR
[72] LEMAIRE, MARC, FR
[72] REDL, ANDREAS, BE
[71] UNIVERSITE CLAUDE BERNARD LYON 1, FR
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[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
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[54] **PRODUITS DE SOINS D'HYGIENE PERSONNELLE COMPRENANT DES AMIDONS SUBSTITUES CATIONIQUES**
[72] MARKLAND, FLAVE, US
[72] HOSSAIN, ASHRAF, US
[71] CORN PRODUCTS DEVELOPMENT, INC., BR
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[54] **RECIPIENT AVEC UNE APTITUDE AU PERCAGE AMELIOREE**
[72] FOSTER, DAVID T., US
[72] O'BRIEN, PATRICK L., US
[72] COSGROVE, DAVID, US
[71] PRINTPACK ILLINOIS, INC., US
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[54] **PROCEDES D'ELIMINATION DE CONTAMINANTS VIRAUX DANS DES EXTRAITS PANCREATIQUES**
[72] ORTENZI, GIOVANNI, IT
[72] GHIDORSI, LUIGI, IT
[71] APTALIS PHARMA LTD., IE
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[54] **FORME PHARMACEUTIQUE ORALE SOLIDE DE COMPOSES LIPOPHILES**
[72] HOEJGAARD, BENT, DK
[71] SOLURAL PHARMA APS, DK
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[54] **RECIPIENT A FACETTES**
[72] BERLEPSCH, JOSEPH ALLEN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[54] **CONTAINER HAVING A MOVABLE WALL**
[54] **RECIPIENT AYANT UNE PAROI MOBILE**
[72] CAVALLARI, STEFANO, IT
[72] KRASIEV, SERGEY, CH
[71] PHILIP MORRIS PRODUCTS S.A., CH
[85] 2016-11-10
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[25] EN
[54] **LIQUID PHARMACEUTICAL COMPOSITION**
[54] **COMPOSITION PHARMACEUTIQUE LIQUIDE**
[72] RINALDI, GIANLUCA, IT
[72] FRATARCANGELI, SILVIA, IT
[72] DEL RIO, ALESSANDRA, IT
[71] ARES TRADING S.A., CH
[85] 2016-11-10
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[54] **DERIVES D'IMIDAZOLE EN TANT QUE MODULATEURS DES RECEPTEURS DE PEPTIDE FORMYLE**
[72] BEARD, RICHARD L., US
[72] DUONG, TIEN T., US
[72] GARST, MICHAEL E., US
[71] ALLERGAN, INC., US
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[54] **NAMPT INHIBITORS AND METHODS**
[54] **INHIBITEURS DE LA NAMPT ET PROCEDES ASSOCIES**
[72] PAPOULIS, ANDREW, US
[72] MASON, PAUL, US
[72] CARTER, KARA, US
[72] JOSEPH, ALEXANDRA, US
[72] HU, YIDING, US
[72] GREGORY, JILL, US
[72] ZHAO, ZHONG, US
[72] YEE, CHRISTOPHER, US
[72] MOHAMUD, MOHAMUD, US
[72] XIANG, YIBIN, US
[72] DANTHI, SANJAY, US
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[71] GENZYME CORPORATION, US
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[54] **TRAITEMENT DE LA POLYARTHRITE RHUMATOIDE**
[72] CLOSE, DAVID, GB
[72] GODWOOD, ALEX, GB
[72] HOPTON, MARK, GB
[71] MEDIMMUNE LIMITED, GB
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[54] **DISPOSITIF MICROFLUIDIQUE DOTE DE PLAQUES A CONDUITS**
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[71] UNIVERSITY OF LIMERICK, IE
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[54] **NOUVELLE STRATEGIE ANTI-INFECTIEUSE CONTRE LE VIRUS DE LA GRIPPE ET LES CO-INFECTIONS PAR S. AUREUS**
[72] EHRHARDT, CHRISTINA, DE
[72] LUDWIG, STEPHAN, DE
[71] ATRIVA THERAPEUTICS GMBH, DE
[85] 2016-11-14
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[25] EN
[54] **ORALLY DISINTEGRATING DOSAGE FORM FOR ADMINISTRATION OF AVANAFIL, AND ASSOCIATED METHODS OF MANUFACTURE AND USE**
[54] **FORME DOSIFIEE A DESINTEGRATION PAR VOIE ORALE POUR L'ADMINISTRATION D'AVANAFIL, ET PROCEDES ASSOCIES DE FABRICATION ET D'UTILISATION**
[72] BROMAN, CALVIN THEODORE, US
[72] SHEU, ERIC, US
[71] VIVUS, INC., US
[85] 2016-11-14
[86] 2015-05-15 (PCT/US2015/031198)
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[25] EN
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[54] **1-((3S,4R)-4-(3-FLUOROPHENYL)-1-(2-METHOXYETHYL)PYRROLIDIN-3-YL)-3-(4-METHYL-3-(2-METHYLPYRIMIDIN-5-YL)-1-PHENYL-1H-PYRAZOL-5-YL)UREE COMME INHIBITEUR DE LA KINASE TRKA**
[72] ALLEN, SHELLEY, US
[72] ANDREWS, STEVEN W., US
[72] BAER, BRIAN, US
[72] CRANE, ZACKARY, US
[72] LIU, WEIDONG, US
[72] WATSON, DANIEL JOHN, US
[71] ARRAY BIOPHARMA INC., US
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[54] **PEPTIDES AS OXYTOCIN AGONISTS**
[54] **PEPTIDES UTILISES EN TANT QU'AGONISTES D'OXYTOCINE**
[72] BISSANTZ, CATERINA, FR
[72] BLEICHER, KONRAD, DE
[72] GRUNDSCHOBER, CHRISTOPHE, CH
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **MODIFIED ADENOVIRUSES FOR CANCER VACCINES DEVELOPMENT**
[54] **ADENOVIRUS MODIFIES POUR LE DEVELOPPEMENT DE VACCINS CONTRE LE CANCER**
[72] CERULLO, VINCENZO, FI
[72] VAHA-KOSKELA, MARKUS, FI
[72] HIRVINEN, MARI, FI
[72] CAPASSO, CRISTIAN, FI
[71] HELSINGIN YLIOPISTO, FI
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[25] EN
[54] **METHOD FOR PROCESSING POLYMERIC WASTE**
[54] **PROCEDE POUR LE TRAITEMENT DE DECHETS POLYMERES**
[72] HUBBES, HILMAR, DE
[71] HUBBES, HILMAR, DE
[85] 2016-11-15
[86] 2015-05-26 (PCT/DE2015/000257)
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[25] EN
[54] **PEPTIDE NUCLEIC ACID MONOMERS AND OLIGOMERS**
[54] **MONOMERES ET OLIGOMERES D'ACIDE NUCLEIQUE PEPTIDIQUE**
[72] LINDHORST, THOMAS, AT
[72] WERNER, BIRGIT, DE
[72] BOCK, HOLGER, AT
[71] UGISENSE AG, AT
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[30] DE (10 2014 007 158.8) 2014-05-16

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[25] EN
[54] **COMPOSITION FOR TREATING THE EYE**
[54] **COMPOSITION POUR LE TRAITEMENT DE L'OEIL**
[72] BILSTEIN, ANDREAS, DE
[72] GALLA, HANS-JOACHIM, DE
[72] DWIVEDI, MRIDULA, DE
[71] BITOP AG, DE
[85] 2016-11-15
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[51] **Int.Cl. A61K 47/22 (2006.01) A61K 9/08 (2006.01) A61K 39/395 (2006.01) A61K 47/02 (2006.01) A61K 47/18 (2017.01) C07K 16/24 (2006.01)**
[25] EN
[54] **ANTIBODY FORMULATION**
[54] **FORME PHARMACEUTIQUE A BASE D'ANTICORPS**
[72] BLAKE-HASKINS, ANGELA, US
[72] MARSHALL, TRISTAN, US
[72] O'BERRY, KRISTEN, US
[72] PERKINS, MELISSA D., US
[72] CROTTS, GEORGE H., US
[72] PURI, MANASI, US
[72] DUNLEAVY, DONNA M., US
[71] GLAXOSMITHKLINE INTELLECTUAL PROPERTY MANAGEMENT LIMITED, GB
[85] 2016-11-15
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[30] US (61/994,427) 2014-05-16
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[51] **Int.Cl. A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07K 16/28 (2006.01)**
[25] EN
[54] **COMBINATION OF AN ANTI-CCR4 ANTIBODY AND A 4-1BB AGONIST FOR TREATING CANCER**
[54] **COMBINAISON D'UN ANTICORPS ANTI-CCR4 ET D'UN AGONISTE A 4-1BB POUR LE TRAITEMENT DU CANCER**
[72] LIN, CHIA-YANG, US
[72] CHEN, SHIHAO, US
[72] LEE, LIFEN, US
[72] POTLURI, SHOBHA, US
[72] HEALY, DENIS, US
[72] MARSHALL, MARGARET, US
[72] SAWADA, NAOKI, JP
[71] PFIZER INC., US
[71] KYOWA HAKKO KIRIN CO., LTD., JP
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[25] EN
[54] **BENZENE SULFONAMIDE DERIVATIVES AND THEIR USE AS RORC MODULATORS**
[54] **DERIVES DE BENZENE SULFONAMIDE ET LEUR UTILISATION COMME MODULATEURS DE RORC**
[72] BODIL VAN NIEL, MONIQUE, GB
[72] FAUBER, BENJAMIN, US
[72] GAINES, SIMON, GB
[72] KILLEN, JONATHAN, GB
[72] WARD, STUART, GB
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2016-11-15
[86] 2015-05-22 (PCT/EP2015/061347)
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[51] **Int.Cl. A61K 31/121 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **SKIN CANCER TREATMENT**
[54] **TRAITEMENT DU CANCER DE LA PEAU**
[72] JOHANSEN, BERIT, NO
[72] FEUERHERM, ASTRID JULLUMSTRO, NO
[71] AVEXXIN AS, NO
[85] 2016-11-15
[86] 2015-05-26 (PCT/EP2015/061534)
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[51] **Int.Cl. G01N 33/53 (2006.01)**
[25] EN
[54] **ASSAY FOR DETECTING TH1 AND TH2 CELL POPULATIONS**
[54] **DOSAGE POUR LA DETECTION DE POPULATIONS DE CELLULES TH1 ET TH2**
[72] GORSKI, KEVIN, US
[72] PARNES, JANE R., US
[72] BIGLER, JEANNETTE, US
[72] BOEDIGHEIMER, MICHAEL J., US
[72] WELCHER, ANDREW A., US
[71] AMGEN INC., US
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[25] EN
[54] **CATALYSTS FOR SELECTIVE OXIDATION OF AMMONIA IN A GAS CONTAINING HYDROGEN**
[54] **CATALYSEURS POUR L'OXYDATION SELECTIVE D'AMMONIAC DANS UN GAZ CONTENANT DE L'HYDROGENE**
[72] CHORKENDORFF, IB, DK
[72] CHAKRABORTY, DEBASISH, DK
[72] OLSEN, JAKOB LIND, DK
[72] LOPES SILVA, HUGO JOSE, DK
[72] NIELSEN, MORTEN GODTFRED, DK
[71] DANMARKS TEKNISKE UNIVERSITET, DK
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[25] EN
[54] **MESH COMPRISING A SURFACE OF HYDRATED ALUMINUM OXIDES AND THEIR USE FOR OIL-WATER SEPARATION**
[54] **TREILLIS COMPRENANT UNE SURFACE D'OXYDES D'ALUMINIUM HYDRATES ET LEUR UTILISATION POUR LA SEPARATION HUILE-EAU**
[72] FLEISCHHAKER, FRIEDERIKE, DE
[71] BASF SE, DE
[85] 2016-11-16
[86] 2015-04-01 (PCT/EP2015/057172)
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[25] EN
[54] **COATED MESH AND ITS USE FOR OIL-WATER SEPARATION**
[54] **TAMIS REVETU ET SON UTILISATION POUR LA SEPARATION HUILE-EAU**
[72] FLEISCHHAKER, FRIEDERIKE, DE
[72] RAITH, CHRISTIAN, DE
[72] HAREMZA, SYLKE, DE
[72] ZUROWSKI, PETER, DE
[71] BASF SE, DE
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[86] 2015-04-01 (PCT/EP2015/057174)
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[51] **Int.Cl. A61K 9/10 (2006.01) A61K 8/73 (2006.01) A61K 8/86 (2006.01) A61K 47/10 (2017.01) A61K 47/36 (2006.01) A61K 47/38 (2006.01)**
[25] EN
[54] **AQUEOUS GEL COMPOSITION AND ITS USE**
[54] **COMPOSITION AQUEUSE DE GEL ET SON UTILISATION**
[72] BAR-SHALOM, DANIEL, DK
[72] JACOBSEN, JETTE, DK
[72] DALBY, KASPER, DK
[72] PEDERSEN, ANNE MARIE LYNGE, DK
[72] VILMANN, PETER, DK
[71] UNIVERSITY OF COPENHAGEN, DK
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[86] 2015-05-21 (PCT/EP2015/061282)
[87] (WO2015/177288)
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[13] A1
[51] **Int.Cl. C07D 233/84 (2006.01)**
[25] FR
[54] **NOVEL COMPOUNDS OF THE 5-ACYLSULFANYL-HISTIDINE TYPE AS PRECURSORS OF THE CORRESPONDING 5-SULFANYLHISTIDINES AND THE DISULFIDES THEREOF**
[54] **NOUVEAUX COMPOSES DE TYPE 5-ACYLSULFANYL-HISTIDINE EN TANT QUE PRECURSEURS DES 5-SULFANYLHISTIDINES CORRESPONDANTES ET DE LEURS DISULFURES**
[72] ERDELMEIER, IRENE, FR
[72] DAUNAY, SYLVAIN, FR
[71] TETRAHEDRON, FR
[85] 2016-11-16
[86] 2015-05-29 (PCT/FR2015/051416)
[87] (WO2015/181507)
[30] FR (1454935) 2014-05-30

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[13] A1
[51] **Int.Cl. A62B 3/00 (2006.01)**
[25] EN
[54] **PUNCH DEVICE**
[54] **DISPOSITIF DE POINCON**
[72] IVERSEN, CHRISTEN MICHAEL, GB
[72] LE ROUX, IVAN DE VILLIERS, ZA
[71] ILR SAFETY CC, ZA
[85] 2016-11-16
[86] 2015-05-13 (PCT/IB2015/053515)
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[25] EN
[54] **CLEARANCE OF AMYLOID.BETA.**
[54] **CLAIRANCE D'AMYLOIDE.BETA.**
[72] DAVIS, BONNIE M., US
[71] SYNAPTEC DEVELOPMENT LLC, US
[85] 2016-11-16
[86] 2015-05-18 (PCT/US2015/031443)
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[51] **Int.Cl. F01K 17/06 (2006.01) F01D 25/00 (2006.01) F01K 13/02 (2006.01) F04F 5/48 (2006.01)**
[25] EN
[54] **NOZZLE MODULE FOR AN ENERGY CONVERTER**
[54] **MODULE DE BUSE DESTINE A UN CONVERTISSEUR D'ENERGIE**
[72] BOSCHER, MATTHIAS, DE
[71] BOSCHER, MATTHIAS, DE
[85] 2016-11-17
[86] 2015-05-19 (PCT/EP2015/060971)
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[51] **Int.Cl. A61K 47/38 (2006.01) A61K 9/00 (2006.01) A61K 9/16 (2006.01) A61K 47/36 (2006.01)**
[25] EN
[54] **MULTIPARTICLES SAFEGUARDED AGAINST ETHANOLIC DOSE-DUMPING**
[54] **MICROPARTICULES PROTEGEES CONTRE UNE LIBERATION MASSIVE DANS L'ETHANOL**
[72] BARNSCHEID, LUTZ, DE
[72] WENING, KLAUS, DE
[72] DENKER, JANA, DE
[72] GEISSLER, ANJA, DE
[71] GRUNENTHAL GMBH, DE
[85] 2016-11-17
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[25] EN
[54] **DEVICE WITH A J-SHAPED END AND WITH AN INFLATABLE BALLOON FOR USE AS SUPPORT FOR DEVICES FOR TISSUE RECONSTRUCTION OF EXCISED TISSUES OF THE RENAL PELVIS AND/OR OF THE URETEROPELVIC JUNCTION**
[54] **DISPOSITIF MUNI D'UNE EXTREMITE EN J ET D'UN BALLONNET GONFLABLE DESTINE A ETRE UTILISE COMME SUPPORT POUR DES DISPOSITIFS DE RECONSTRUCTION TISSULAIRE DE TISSUS EXCISES DU BASSINET DU REIN ET/OU DE LA JONCTION URETERO-PELVIENNE**
[72] SAMBUSSETI, ANTONIO, IT
[72] CANCARINI, GIANNI, IT
[71] SAMBUSSETI, ANTONIO, IT
[71] CANCARINI, GIANNI, IT
[85] 2016-11-17
[86] 2015-06-08 (PCT/EP2015/062734)
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[25] EN
[54] **HUMAN ANTIBODIES TO MIDDLE EAST RESPIRATORY SYNDROME - CORONAVIRUS SPIKE PROTEIN**
[54] **ANTICORPS HUMAINS CONTRE LA PROTEINE DE PIC MONOCLONAL DU CORONAVIRUS DU SYNDROME RESPIRATOIRE DU MOYEN-ORIENT**
[72] KYRATSOUS, CHRISTOS, US
[72] STAHL, NEIL, US
[72] SIVAPALASINGAM, SUMATHI, US
[71] REGENERON PHARMACEUTICALS, INC., US
[85] 2016-11-16
[86] 2015-05-20 (PCT/US2015/031800)
[87] (WO2015/179535)
[30] US (62/002,233) 2014-05-23
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[51] **Int.Cl. A47J 42/08 (2006.01)**
[25] EN
[54] **A GRINDING DEVICE FOR GRINDABLE PRODUCTS**
[54] **DISPOSITIF DE BROYAGE DE PRODUITS POUVANT ETRE BROYES**
[72] CARAPELLI, GIACINTO, IT
[71] DROGHERIA E ALIMENTARI S.P.A., IT
[85] 2016-11-17
[86] 2015-05-26 (PCT/IB2015/053918)
[87] (WO2015/181712)
[30] IT (MI2014A000957) 2014-05-26

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[13] A1
[51] **Int.Cl. G01N 33/52 (2006.01) C07D 253/06 (2006.01) C12Q 1/66 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR STABILIZING LUMINOGENIC SUBSTRATES**
[54] **COMPOSITIONS ET PROCEDES DE STABILISATION DE SUBSTRATS LUMINOGENES**
[72] KIRKLAND, THOMAS, US
[72] WOOD, KEITH V., US
[72] HALL, MARY, US
[72] SCHWINN, MARIE, US
[71] PROMEGA CORPORATION, US
[85] 2016-11-16
[86] 2015-05-26 (PCT/US2015/032439)
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[13] A1
[51] **Int.Cl. A61K 31/69 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **BORON-CONTAINING PROTEASOME INHIBITORS FOR USE AFTER PRIMARY CANCER THERAPY**
[54] **INHIBITEURS DU PROTEASOME CONTENANT DU BORE DESTINES A ETRE UTILISES APRES UNE THERAPIE CONTRE LE CANCER PRIMAIRE**
[72] HUI, AI-MIN, US
[72] LABOTKA, RICHARD, US
[72] GUPTA, NEERAJ, US
[72] VENKATAKRISHNAN, KARTHIK, US
[72] LUI, GUOHUI, US
[71] MILLENNIUM PHARMACEUTICALS, INC., US
[85] 2016-11-17
[86] 2015-05-19 (PCT/US2015/031633)
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[30] US (62/000,991) 2014-05-20
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[13] A1
[51] **Int.Cl. G01N 33/53 (2006.01) C12Q 1/68 (2006.01) C40B 30/04 (2006.01)**
[25] EN
[54] **SUBSTRATE-MEDIATED REACTORS FOR BIOASSAYS**
[54] **REACTEUR A MEDIATION PAR LE SUBSTRAT POUR ESSAIS BIOLOGIQUES**
[72] STONER, ISAAC, US
[72] ERPS, TIMOTHY, US
[72] PREGIBON, DANIEL, US
[72] TYTELL, JESSICA DAWN, US
[72] WINDEMUTH, ANDREAS, US
[72] DORAN, GRAEME, US
[71] FIREFLY BIOWORKS, INC., US
[85] 2016-11-17
[86] 2015-05-22 (PCT/US2015/032319)
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[30] US (62/002,664) 2014-05-23

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[51] **Int.Cl. C07D 231/14 (2006.01) A61K 31/415 (2006.01) A61K 31/4155 (2006.01) C07D 403/12 (2006.01) C07D 413/12 (2006.01)**
[25] EN
[54] **APELIN RECEPTOR (APJ) AGONISTS AND USES THEREOF**
[54] **AGONISTES DU RECEPTEUR DE L'APELINE (APJ) ET LEURS UTILISATIONS**
[72] RUNYON, SCOTT P., US
[72] MAITRA, RANGAN, US
[72] NARAYANAN, SANJU, US
[72] THOMAS, JAMES BARNWELL, US
[71] RESEARCH TRIANGLE INSTITUTE, US
[85] 2016-11-17
[86] 2015-06-05 (PCT/US2015/034427)
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[30] US (62/008,688) 2014-06-06

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[51] **Int.Cl. A61K 9/70 (2006.01) A61K 31/045 (2006.01) A61K 31/22 (2006.01) A61K 36/53 (2006.01) A61K 47/32 (2006.01) A61P 25/20 (2006.01)**
[25] EN
[54] **TRANSDERMAL THERAPEUTIC SYSTEM CONTAINING LAVENDER OIL**
[54] **SYSTEME THERAPEUTIQUE TRANSDERMIQUE CONTENANT DE L'HUILE ESSENTIELLE DE LAVANTE**
[72] BOTZEM, PETRA, DE
[72] HILLE, THOMAS, DE
[71] LTS LOHMANN THERAPIE-SYSTEME AG, DE
[85] 2016-11-18
[86] 2015-05-08 (PCT/EP2015/000955)
[87] (WO2015/176801)
[30] EP (14169037.0) 2014-05-20

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[13] A1
[51] **Int.Cl. C07D 498/10 (2006.01) A61K 31/5386 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **ALKYL AND ARYL DERIVATIVES OF 1-OXA-4,9-DIAZASPIRO UNDECANE COMPOUNDS HAVING MULTIMODAL ACTIVITY AGAINST PAIN**
[54] **DERIVES ALKYLES ET ARYLES DE COMPOSES DE 1-OXA-4,9-DIAZASPIRO-UNDECANE AYANT UNE ACTIVITE MULTIMODALE CONTRE LA DOULEUR**
[72] VIRGILI-BERNADO, MARINA, ES
[72] ALONSO-XALMA, MONICA, ES
[72] ALEGRET-MOLINA, CARLOS, ES
[72] ALMANSA-ROSALES, CARMEN, ES
[72] GARCIA LOPEZ, MONICA, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2016-11-18
[86] 2015-06-02 (PCT/EP2015/001113)
[87] (WO2015/185207)
[30] EP (14 382 207.0) 2014-06-02

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[13] A1
[51] **Int.Cl. C07D 498/10 (2006.01) A61K 31/5386 (2006.01) A61P 25/06 (2006.01) A61P 29/00 (2006.01)**
[25] EN
[54] **AMIDE DERIVATIVES OF 1-OXA-4,9-DIAZASPIRO UNDECANE COMPOUNDS HAVING MULTIMODAL ACTIVITY AGAINST PAIN**
[54] **DERIVES AMIDES DE COMPOSES DE 1-OXA-4,9-DIAZASPIRO-UNDECANE AYANT UNE ACTIVITE MULTIMODALE CONTRE LA DOULEUR**
[72] VIRGILI-BERNADO, MARINA, ES
[72] ALONSO-XALMA, MONICA, ES
[72] ALEGRET-MOLINA, CARLOS, ES
[72] ALMANSA-ROSALES, CARMEN, ES
[72] MERCE-VIDAL, RAMON, ES
[71] LABORATORIOS DEL DR. ESTEVE, S.A., ES
[85] 2016-11-18
[86] 2015-06-02 (PCT/EP2015/001114)
[87] (WO2015/185208)
[30] EP (14 382 208.8) 2014-06-02

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[13] A1
[51] **Int.Cl. G01N 33/48 (2006.01) G01N 33/483 (2006.01)**
[25] EN
[54] **METHODS FOR DETERMINING WHETHER A PATIENT WILL ACHIEVE A RESPONSE AFTER RADIATION THERAPY**
[54] **METHODES PERMETTANT DE DETERMINER LA POSSIBILITE DE REPONSE D'UN PATIENT A UNE RADIOTHERAPIE**
[72] PARIS, FRANCOIS, FR
[72] DUBOIS, NOLWENN, FR
[72] RIO, EMMANUEL, FR
[72] RIPOCHE, NATACHA, FR
[71] INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE), FR
[71] UNIVERSITE DE NANTES, FR
[71] UNIVERSITE D'ANGERS, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS), FR
[71] INSTITUT DE CANCEROLOGIE DE L'OUEST - SITE RENE GAUDUCHEAU, FR
[85] 2016-11-18
[86] 2015-05-22 (PCT/EP2015/061354)
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[30] EP (14305764.4) 2014-05-23
[30] EP (15305426.7) 2015-03-24

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[13] A1
[51] **Int.Cl. A61K 9/72 (2006.01) A24B 15/16 (2006.01) A24F 47/00 (2006.01) A61K 31/465 (2006.01) A61K 47/10 (2017.01)**
[25] EN
[54] **A LIQUID FORMULATION COMPRISING NICOTINE FOR AEROSOL ADMINISTRATION**
[54] **FORMULATION LIQUIDE COMPRENANT DE LA NICOTINE POUR ADMINISTRATION PAR AEROSOL**
[72] MUHAMMED, SALIH MUSHIN, SE
[72] LINDELL, KATARINA, SE
[72] KELEPOURIS, LEE, SE
[71] MCNEIL AB, SE
[85] 2016-11-18
[86] 2015-05-20 (PCT/EP2015/061036)
[87] (WO2015/177177)
[30] SE (1450609-1) 2014-05-21

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[13] A1
[51] **Int.Cl. C07D 417/14 (2006.01) A61K 31/501 (2006.01) A61K 31/53 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **1,3,4-THIADIAZOLE COMPOUNDS AND THEIR USE IN TREATING CANCER**
[54] **COMPOSES DE 1,3,4-THIADIAZOLE ET LEUR UTILISATION DANS LE TRAITEMENT DU CANCER**
[72] FINLAY, MAURICE RAYMOND VERSCHOYLE, GB
[72] EKWURU, CHUKUEMEKA TENNYSON, GB
[72] CHARLES, MARK DAVID, GB
[72] RAUBO, PIOTR ANTONI, GB
[72] WINTER, JONATHAN JAMES GORDON, GB
[72] NISSINK, JOHANNES WILHELMUS MARIA, NL
[71] ASTRAZENECA AB, SE
[71] CANCER RESEARCH TECHNOLOGY LIMITED, GB
[85] 2016-11-18
[86] 2015-05-27 (PCT/GB2015/051537)
[87] (WO2015/181539)
[30] GB (1409624.2) 2014-05-30

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[13] A1
[51] **Int.Cl. F24H 9/02 (2006.01) F24D 5/02 (2006.01) F24D 19/00 (2006.01) F24H 3/02 (2006.01) F24H 9/06 (2006.01) F24H 9/14 (2006.01)**
[25] EN
[54] **HEATING CONVECTOR PROVIDED WITH GAS HEATER**
[54] **CONVECTEUR DE CHAUFFAGE POURVU D'UN CHAUFFAGE DE GAZ**
[72] MASSIMINO, GIANPIERO, IT
[71] C.G.M. S.R.L., IT
[85] 2016-11-18
[86] 2015-05-20 (PCT/IB2015/053709)
[87] (WO2015/177734)
[30] IT (TO2014U000074) 2014-05-20

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[13] A1
[51] **Int.Cl. A62C 99/00 (2010.01) A01M 7/00 (2006.01)**
[25] EN
[54] **SPRAY JET DISCHARGING DEVICE**
[54] **DISPOSITIF D'EVACUATION DE JET DE PULVERISATION**
[72] KREKOUKIS, IOANNIS, GR
[71] KREKOUKIS, IOANNIS, GR
[85] 2016-11-18
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[71] BORMIOLI ROCCO S.P.A., IT
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[54] **MARQUEURS DE ZONE D'INJECTION POUR IMPLANTS BIOMEDICAUX**
[72] HRISTOV, KRASIMIRA, US
[72] KRIKSUNOV, LEO B., US
[72] TANNHAUSER, ROBERT J., US
[71] MENTOR WORLDWIDE LLC, US
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[25] FR
[54] **COSMETIC COMPOSITION FOR CARING FOR AND/OR FOR MAKING UP THE SKIN, IN THE FORM OF AN EMULSION OF THE WATER-IN-SILICONE TYPE**
[54] **COMPOSITION COSMETIQUE DE SOIN ET/OU DE MAQUILLAGE DE LA PEAU SOUS LA FORME D'UNE EMULSION DE TYPE EAU-DANS-SILICONE**
[72] GUILLAUME, BRUNO, FR
[71] BCM COSMETIQUE, FR
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[25] EN
[54] **SYSTEMS AND METHODS FOR EXCHANGE OF BUFFER SOLUTIONS**
[54] **SYSTEMES ET PROCEDES D'ECHANGE DE SOLUTIONS TAMPONS**
[72] VARNI, JOHN, US
[72] LAMBERT, STEPHEN, US
[72] BUSACCA, ROBERT, US
[72] BURGE, RUSSELL, US
[71] UNCHAINED LABS, US
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[25] EN
[54] **DIAGNOSTIC OF CHRONIC MYELOMONOCYTIC LEUKEMIA (CMML) BY FLOW CYTOMETRY**
[54] **DIAGNOSTIC DE LA LEUCEMIE MYELOMONOCYTAIRE CHRONIQUE (LMMC) PAR CYTOMETRIE DE FLUX**
[72] SELIMOGLU-BUET, DOROTHEE, FR
[72] WAGNER-BALLON (EPOUSE TERRAZZONI), ORIANNE, FR
[72] SOLARY, ERIC, FR
[72] DROIN, NATHALIE, FR
[71] INSTITUT GUSTAVE-ROUSSY, FR
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[54] **NEW MARKERS FOR THE ASSESSMENT OF AN INCREASED RISK FOR MORTALITY**
[54] **NOUVEAUX MARQUEURS POUR L'EVALUATION D'UN RISQUE ACCRU DE MORTALITE**
[72] HESS, SYBILLE, DE
[72] GERSTEIN, HERTZEL, CA
[72] PARE, GUILLAUME, CA
[72] MCQUEEN, MATTHEW, CA
[71] SANOFI-AVENTIS DEUTSCHLAND GMBH, DE
[71] MCMASTER UNIVERSITY, CA
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[25] EN
[54] **METHOD FOR DETECTING AND CHARACTERISING A MICROORGANISM**
[54] **PROCEDE POUR LA DETECTION ET LA CARACTERISATION D'UN MICRO-ORGANISME**
[72] JARVIUS, JONAS, SE
[72] GRAWE, JAN, SE
[71] Q-LINEA AB, SE
[85] 2016-11-21
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[25] FR
[54] **METHOD AND MACHINE FOR BINDING A FLEXIBLE COATING TO A SUPPORT USING ELECTROMAGNETIC WAVES AND LINING PRODUCED IN THIS WAY**
[54] **PROCEDE ET MACHINE DE COLLAGE A ONDES ELECTROMAGNETIQUES D'UN REVETEMENT SOUPLE SUR UN SUPPORT ET GARNITURE AINSI OBTENUE**
[72] GUILHEM, CHRISTIAN, FR
[72] GUILHEM, MARC, FR
[72] GUILHEM, JACQUES, FR
[71] C-GEX SYSTEM'S, FR
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[25] EN
[54] **CHITIN-GLUCAN COMPLEX, ITS PREPARATION, AND USES**
[54] **COMPLEXE CHITINE-GLUCANE, SA PREPARATION ET SES UTILISATIONS**
[72] ANDRADE DE FREITAS, MARIA FILOMENA, PT
[72] DA SILVA CRUZ, FERNANDO MIGUEL, PT
[72] D'ASCENSAO CARVALHO FERNANDES DE MIRANDA REIS, MARIA, PT
[72] DA SILVA FARINHA, INES, PT
[71] PHARMA73, S.A., PT
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[54] **USE OF AMINOGLYCOSIDE ANALOGS IN THE TREATMENT OF RETT SYNDROME**
[54] **UTILISATION D'ANALOGUES D'AMINOGLYCOSIDES DANS LE TRAITEMENT DU SYNDROME DE RETT**
[72] BAASOV, TIMOR, IL
[72] TUVIA, SHMUEL, IL
[72] PELLED, DORI, IL
[71] ELOXX PHARMACEUTICALS LTD., IL
[85] 2016-11-21
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[25] EN
[54] **TWO IRON TOOL PACK AND METHOD FOR FORMING TALL METAL BOTTLE SHAPED CONTAINERS AND SUCH A METAL BOTTLE**
[54] **ENSEMBLE DE DEUX OUTILS EN FER ET PROCEDE POUR FORMER DES RECIPIENTS EN FORME DE BOUTEILLE METALLIQUE HAUTE ET BOUTEILLE METALLIQUE AINSI FORMEE**
[72] SCHREMMER, MARK, US
[72] WILLCOTT, SEAN, US
[71] ANHEUSER-BUSCH, LLC, US
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[54] **LOW-SPREAD METAL ELONGATED BOTTLE AND PRODUCTION METHOD**
[54] **BOUTEILLE ALLONGEE EN METAL A FAIBLE MARGE ET SON PROCEDE DE PRODUCTION**
[72] DAVIS, DANIEL, US
[72] ROGERS, CHERYL, US
[72] SCHREMMER, MARK, US
[72] VIOX, MARK, US
[71] ANHEUSER-BUSCH, LLC, US
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[25] EN
[54] **METHODS OF PREPARING MATERIALS WITH AMMONIA OXIDIZING BACTERIA AND TESTING MATERIALS FOR AMMONIA OXIDIZING BACTERIA**
[54] **PROCEDES DE PREPARATION DE MATERIAUX AU MOYEN DE BACTERIES OXYDANT L'AMMONIAC ET DE TEST DE MATERIAUX EN CE QUI CONCERNE DES BACTERIES OXYDANT L'AMMONIAC**
[72] WHITLOCK, DAVID R., US
[72] HEYWOOD, JAMES, US
[72] JAMAS, SPIROS, US
[72] WEISS, LARRY, US
[71] AOBIOME LLC, US
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[54] **REAGENT BOTTLE WITH ASPIRATION PIPE**
[54] **BOUTEILLE DE REACTIF A TUYAU D'ASPIRATION**
[72] ONISHI, HIROYUKI, JP
[72] KAYAHARA, MASATO, JP
[72] SUZUKI, HIROSHI, JP
[72] FURUYA, RYUSUKE, JP
[72] MUKAIYAMA, NAOKI, JP
[72] COONEY, MICHAEL, IE
[72] O'NEILL, MARCUS, IE
[72] O'MAHONY, SEAN, IE
[71] BECKMAN COULTER, INC., US
[71] DHR TECHNOLOGIES IRELAND LIMITED (DTIL), IE
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[25] EN
[54] **CHITOSAN AND POLYETHYLENE GLYCOL COPOLYMERS AND METHODS AND DEVICES FOR USING SAME FOR SEALING A VASCULAR PUNCTURE**
[54] **CHITOSANE ET COPOLYMERES DE POLYETHYLENE GLYCOL, ET LEURS PROCEDES ET DISPOSITIFS D'UTILISATION POUR L'OBTURATION D'UNE PONCTION VASCULAIRE**
[72] MYLONAKIS, ANDREAS, US
[72] LIM, FLORENCIA, US
[71] ACCESS CLOSURE, INC., US
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[25] EN
[54] **COUGH SYRUP CONTAINING AMBROXOL HYDROCHLORIDE**
[54] **SIROP ANTITUSSIF CONTENANT DU CHLORHYDRATE D'AMBROXOL**
[72] PLOHMANN, BERND, DE
[72] BUSZELLO, KATRIN, DE
[72] SCHEURING, UWE, DE
[72] ZAMPONI, ANNETTE, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
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[25] EN
[54] **ANTIRETROVIRAL DRUG TARGETING HUMAN ENDOGENOUS RETROVIRUS**
[54] **MEDICAMENT ANTIRETROVIRAL CIBLANT UN RETROVIRUS ENDOGENE HUMAIN**
[72] PERRON, HERVE, FR
[72] CURTIN, FRANCOIS, CH
[72] LANG, ALOIS, CH
[72] FAUCARD, RAPHAEL, FR
[72] MEDINA, JULIE, FR
[72] MADEIRA, ALEXANDRA, FR
[72] GEHIN, NADEGE, FR
[71] GENEURO SA, CH
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[54] **PHARMACEUTICAL COMBINATIONS FOR IMMUNOTHERAPY**
[54] **COMBINAISONS PHARMACEUTIQUES DESTINEES A L'IMMUNOTHERAPIE**
[72] BRENNER, SEBASTIAN, DE
[72] RYSER, MARTIN, BE
[72] RICHTER, CORNELIA, DE
[72] THIEME, SEBASTIAN, DE
[71] TECHNISCHE UNIVERSITAT DRESDEN, DE
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[25] EN
[54] **METHOD AND PLANT FOR TREATING A MIXTURE OF WASTES INCLUDING SEPARATION AND COMPOSTING OF SAID MIXTURE**
[54] **METHODE ET USINE DE TRAITEMENT D'UN MELANGE DE DECHETS COMPRENANT LA SEPARATION ET LE COMPOSTAGE DUDIT MELANGE**
[72] CHARREYRE, FABIEN MICHEL ALAIN, FR
[71] FINANCE DEVELOPPEMENT ENVIRONNEMENT CHARREYRE - FIDEC, FR
[85] 2016-11-22
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[25] EN
[54] **METHOD AND PLANT FOR TREATING A MIXTURE OF WASTES WITH TWO COMPOSTING CYCLES**
[54] **METHODE ET USINE DE TRAITEMENT D'UN MELANGE DE DECHETS A DEUX CYCLES DE COMPOSTAGE**
[72] CHARREYRE, FABIEN MICHEL ALAIN, FR
[71] FINANCE DEVELOPPEMENT ENVIRONNEMENT CHARREYRE - FIDEC, FR
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[25] EN
[54] **ELECTRONIC VAPOUR PROVISION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION DE VAPEUR ELECTRONIQUE**
[72] DICKENS, COLIN, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2016-11-22
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[54] **CAPSULE AND DEVICE FOR PREPARING BEVERAGES AND METHOD FOR MANUFACTURING A CAPSULE**
[54] **CAPSULE ET DISPOSITIF POUR LA PREPARATION DE BOISSONS ET PROCEDE DE FABRICATION D'UNE CAPSULE**
[72] ANDREAE, JAN, NL
[72] KLEP, MARK ERIC ANTON ARTHUR, NL
[72] ZWEED, SANDER GORDON, NL
[71] BISERKON HOLDINGS LTD., CY
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[25] EN
[54] **IMPROVED FORMS OF A PI3K DELTA SELECTIVE INHIBITOR FOR USE IN PHARMACEUTICAL FORMULATIONS**
[54] **FORMES AMELIOREES D'UN INHIBITEUR SELECTIF DE LA PI3K DELTA UTILISEES DANS DES PREPARATIONS PHARMACEUTIQUES**
[72] VAKKALANKA, SWAROOP KUMAR VENKATA SATYA, CH
[71] RHIZEN PHARMACEUTICALS SA, CH
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[86] 2015-05-26 (PCT/IB2015/053940)
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[25] EN
[54] **RETAINING MATERIAL FOR POLLUTION CONTROL ELEMENT, METHOD FOR MANUFACTURING THE SAME, AND POLLUTION CONTROL DEVICE**
[54] **MATERIAU DE RETENUE POUR ELEMENT ANTI-POLLUTION, SON PROCEDE DE FABRICATION ET DISPOSITIF ANTI-POLLUTION**
[72] SAKO, KENJI, JP
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[85] 2016-11-22
[86] 2015-05-21 (PCT/US2015/031879)
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[25] EN
[54] **FUSE FOR DETECTING FAILURE OF GAS TRAP**
[54] **FUSIBLE PERMETTANT DE DETECTER LA DEFAILLANCE D'UN SEPARATEUR DE GAZ**
[72] MANLEY, JESSE COLIN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-11-22
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[25] EN
[54] **ANTI-LGR5 ANTIBODIES AND USES THEREOF**
[54] **ANTICORPS ANTI-LGR5 ET LEURS UTILISATIONS**
[72] POLSON, ANDREW G., US
[72] MAO, WEIGUANG, US
[72] FIRESTEIN, RON, US
[71] GENENTECH, INC., US
[85] 2016-11-22
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[25] EN
[54] **INTEGRATED PRESSURE PLATE AND PORT PLATE FOR PUMP**
[54] **PLAQUE DE PRESSION ET PLAQUE A ORIFICE INTEGREES POUR POMPE**
[72] CLEMENTS, MARTIN A., US
[71] EATON CORPORATION, US
[85] 2016-11-22
[86] 2015-05-27 (PCT/US2015/032710)
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[30] US (62/005,137) 2014-05-30

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[25] EN
[54] **ANTI-GITR ANTIBODIES AND METHODS OF USE THEREOF**
[54] **ANTICORPS ANTI-GITR ET LEURS PROCEDES D'UTILISATION**
[72] LEGER, OLIVIER, FR
[72] SIEBERT, VOLKER, DE
[72] VAN DIJK, MARC, NL
[72] SCHAER, DAVID, US
[72] TSUJI, TAKEMASA, US
[72] RITTER, GERD, US
[72] GONZALEZ, ANA M., US
[72] WILSON, NICOLAS S., US
[72] ZAPPASODI, ROBERTA, US
[72] MERGHOUB, TAHA, US
[72] WOLCHOK, JEDD DAVID, US
[72] UNDERWOOD, DENNIS J., US
[71] AGENUS INC., US
[71] MEMORIAL SLOAN-KETTERING CANCER CENTER, US
[71] LUDWIG INSTITUTE FOR CANCER RESEARCH LTD., CH
[85] 2016-11-22
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[25] EN
[54] **SUBSTITUTED TETRAHYDROPYRIDOTHIENOPYRIMIDINES**
[54] **TETRAHYDROPYRIDOTHIENOPYRIMIDINES SUBSTITUEES**
[72] KLAR, ULRICH, DE
[72] GIESE, ANJA, DE
[72] KETTSCHAU, GEORG, DE
[72] EIS, KNUT, DE
[72] SULZLE, DETLEV, DE
[72] LIENAU, PHILIP, DE
[72] PETERSEN, KIRSTIN, DE
[71] BAYER PHARMA AKTIENGESELLSCHAFT, DE
[85] 2016-11-23
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[30] EP (14169842.3) 2014-05-26
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[51] **Int.Cl. A61F 5/01 (2006.01)**
[25] EN
[54] **ORTHOPEDIC DEVICE FOR LIMITING THE MOVEMENT OF A JOINT DISPOSED BETWEEN A FIRST AND A SECOND BODY PORTION**
[54] **DISPOSITIF ORTHOPEDIQUE PERMETTANT DE LIMITER LE MOUVEMENT D'UNE ARTICULATION SE TROUVANT ENTRE DEUX PARTIES DU CORPS**
[72] BICHLER, VINZENZ, DE
[71] BETTERGUARDS TECHNOLOGY GMBH, DE
[85] 2016-11-23
[86] 2015-05-22 (PCT/EP2015/061450)
[87] (WO2015/177357)
[30] DE (10 2014 107 335.5) 2014-05-23

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[13] A1
[51] **Int.Cl. A61K 31/522 (2006.01) A61P 13/04 (2006.01)**
[25] EN
[54] **THEOBROMINE OR ITS DERIVATIVES FOR THE TREATMENT OR PREVENTION OF RENAL LITHIASIS**
[54] **THEOBROMINE OU SES DERIVES POUR LE TRAITEMENT OU LA PREVENTION DE LA LITHIASE RENALE**
[72] GRASES FREIXEDAS, FELIX, ES
[72] COSTA BAUZA, ANTONIA, ES
[72] PRIETO ALMIRALL, RAFAEL MARIA, ES
[72] RODRIGUEZ RODRIGUEZ, ADRIAN, ES
[71] UNIVERSITAT DE LES ILLES BALEARS, ES
[85] 2016-11-23
[86] 2015-04-15 (PCT/ES2015/070301)
[87] (WO2015/181412)
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[51] **Int.Cl. A01G 31/00 (2006.01)**
[25] EN
[54] **GROWTH SUBSTRATE PRODUCT**
[54] **PRODUIT SERVANT DE SUBSTRAT DE CROISSANCE**
[72] JANSSEN, FRANK, NL
[71] ROCKWOOL INTERNATIONAL A/S, DK
[85] 2016-11-23
[86] 2015-05-28 (PCT/EP2015/061898)
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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/10 (2006.01) C12P 19/34 (2006.01)**
[25] EN
[54] **NUCLEOTIDE SEQUENCE EXCLUSION ENRICHMENT BY DROPLET SORTING (NEEDLS)**
[54] **ENRICHISSEMENT DE SEQUENCE NUCLEOTIDIQUE PAR EXCLUSION PAR TRI DE GOUTTELETTES**
[72] MIKKELSEN, MARIE JUST, DK
[72] KVIST, THOMAS, DK
[71] SAMPLIX S.A.R.L., LU
[85] 2016-11-22
[86] 2015-06-11 (PCT/EP2015/063076)
[87] (WO2015/189336)
[30] DK (PA 2014 00307) 2014-06-11

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[13] A1
[51] **Int.Cl. F02C 7/224 (2006.01) F02C 9/26 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR PRE-HEATING FUEL IN A TURBOMACHINE**
[54] **DISPOSITIF ET PROCEDE DE PRECHAUFFAGE DE CARBURANT DANS UNE TURBOMACHINE**
[72] DEPOUTRE, ALBAN, FR
[71] SAFRAN POWER UNITS, FR
[85] 2016-11-23
[86] 2015-05-22 (PCT/FR2015/051349)
[87] (WO2015/181475)
[30] FR (1454737) 2014-05-26

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[13] A1
[51] **Int.Cl. F01D 5/18 (2006.01) B22C 9/10 (2006.01)**
[25] EN
[54] **TURBINE BLADE WITH OPTIMISED COOLING**
[54] **AUBE DE TURBINE A REFROIDISSEMENT OPTIMISE**
[72] DUJOL, CHARLOTTE MARIE, FR
[72] ENEAU, PATRICE, FR
[72] DIGARD BROU DE CUISSART, SEBASTIEN, FR
[72] VOLLEBREGT, MATTHIEU JEAN-LUC, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-11-22
[86] 2015-05-27 (PCT/FR2015/051397)
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[51] **Int.Cl. F23J 15/04 (2006.01) B01D 53/50 (2006.01) B01D 53/73 (2006.01) F23J 15/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR REDUCING LIQUID DISCHARGE FROM ONE OR MORE DEVICES**
[54] **SYSTEME ET PROCEDE DE REDUCTION DES REJETS LIQUIDES D'UN OU PLUSIEURS DISPOSITIFS**
[72] KLIDAS, MICHAEL, US
[72] REDINGER, KEVIN, US
[72] MITCHELL, JOSEPH, III, US
[72] FEENEY, STEVEN, US
[72] JACOBSEN, NIELS, DK
[72] BOILESEN, CLAUS ERIK, DK
[71] THE BABCOCK & WILCOX COMPANY, US
[71] GEA PROCESS ENGINEERING A/S, DK
[85] 2016-11-23
[86] 2015-05-21 (PCT/US2015/031981)
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[30] US (62/002,584) 2014-05-23

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[51] **Int.Cl. B62D 55/21 (2006.01)**
[25] EN
[54] **TRACK PAD WEAR INDICATOR**
[54] **INDICATEUR D'USURE DE MAILLON DE CHENILLE**
[72] HAKES, DAVID J., US
[72] ABELLO, BENOIT, US
[72] LAWSON, ROGER E., US
[72] MARJANOVIC, ZORAN, US
[71] CATERPILLAR INC., US
[85] 2016-11-23
[86] 2015-05-14 (PCT/US2015/030755)
[87] (WO2015/187333)
[30] US (14/298,067) 2014-06-06

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[13] A1
[51] **Int.Cl. B63H 21/38 (2006.01) B63H 21/17 (2006.01) B63J 2/12 (2006.01) H02K 9/12 (2006.01)**
[25] EN
[54] **POD PROPULSION UNIT OF A SHIP**
[54] **UNITE DE PROPULSION EN NACELLE DE NAVIRE**
[72] KOSSO, ANTTO, FI
[72] LAHTINEN, LASSE, FI
[72] SAKKINEN, PETRI, FI
[71] ABB SCHWEIZ AG, CH
[85] 2016-11-24
[86] 2015-05-21 (PCT/EP2015/061269)
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[30] EP (14170562.4) 2014-05-30

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[51] **Int.Cl. E02F 9/28 (2006.01) E21C 35/18 (2006.01) F16B 19/02 (2006.01) F16B 21/08 (2006.01) F16B 37/12 (2006.01)**
[25] EN
[54] **LOCKING DEVICE FOR SECURING A WEAR MEMBER**
[54] **DISPOSITIF DE VERROUILLAGE PERMETTANT D'ASSUJETTIR UN ORGANE D'USURE**
[72] TUTO, JOAN, ES
[72] ORTIZ GARCIA, JUSTO JESUS, ES
[72] TRIGINER BOIXEDA, JORGE, ES
[71] METALOGENIA RESEARCH & TECHNOLOGIES S.L., ES
[85] 2016-11-24
[86] 2015-05-28 (PCT/EP2015/061779)
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[51] **Int.Cl. B61B 13/12 (2006.01) B65G 23/20 (2006.01) B65G 35/06 (2006.01)**
[25] EN
[54] **DRIVE UNIT**
[54] **UNITE D'ENTRAINEMENT**
[72] WEISS, UWE, DE
[71] WEISS GMBH, DE
[85] 2016-11-24
[86] 2015-05-28 (PCT/EP2015/061806)
[87] (WO2015/181277)
[30] DE (10 2014 107 654.0) 2014-05-30

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[13] A1
[51] **Int.Cl. F04B 43/12 (2006.01) F04B 43/14 (2006.01)**
[25] EN
[54] **A ROTARY PUMP**
[54] **POMPE ROTATIVE**
[72] GOLDING, JAMES ANDREW, GB
[72] SHEPHERD, WILLIAM ERIC, GB
[71] CHARLES AUSTEN PUMPS LTD., GB
[85] 2016-11-24
[86] 2015-05-29 (PCT/EP2015/062018)
[87] (WO2015/181373)
[30] GB (1409534.3) 2014-05-29

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[13] A1
[51] **Int.Cl. B65B 29/02 (2006.01) B65B 29/06 (2006.01) B65B 51/14 (2006.01) B65B 61/20 (2006.01)**
[25] EN
[54] **CALIBRATED COUPLING STATION FOR COMPONENTS OF CAPSULES AND APPARATUS FOR PREPARING SUCH CAPSULES**
[54] **STATION DE COUPLAGE CALIBREE POUR COMPOSANTS DE CAPSULES ET APPAREIL DE PREPARATION DE CES CAPSULES**
[72] MANARESI, GIORGIO, IT
[72] BENNI, LUCA, IT
[71] GIMA S.P.A., IT
[85] 2016-11-24
[86] 2015-05-25 (PCT/IB2015/053867)
[87] (WO2015/181705)
[30] IT (BO2014A000314) 2014-05-28

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[13] A1
[51] **Int.Cl. F02C 7/28 (2006.01) F01D 9/04 (2006.01) F01D 25/12 (2006.01)**
[25] EN
[54] **TURBOMACHINE WITH A SEAL FOR SEPARATING WORKING FLUID AND COOLANT FLUID OF THE TURBOMACHINE AND USE OF THE TURBOMACHINE**
[54] **TURBOMACHINE AVEC JOINT POUR SEPARER UN FLUIDE DE TRAVAIL ET UN FLUIDE DE REFROIDISSEMENT DE LA TURBOMACHINE ET UTILISATION DE LA TURBOMACHINE**
[72] GRANBERG, PER, SE
[72] SZIJARTO, JANOS, SE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-11-25
[86] 2015-05-08 (PCT/EP2015/060182)
[87] (WO2015/180945)
[30] EP (14170015.3) 2014-05-27

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[13] A1
[51] **Int.Cl. F01D 11/00 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **TURBOMACHINE WITH AN INGESTION SHIELD AND USE OF THE TURBOMACHINE**
[54] **TURBOMACHINE A ECRAN D'INGESTION ET UTILISATION DE LA TURBOMACHINE**
[72] GRANBERG, PER, SE
[72] SZIJARTO, JANOS, SE
[71] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2016-11-25
[86] 2015-05-08 (PCT/EP2015/060187)
[87] (WO2015/180946)
[30] EP (14170011.2) 2014-05-27

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[13] A1
[51] **Int.Cl. F02C 9/26 (2006.01) F02C 9/28 (2006.01) G01M 15/14 (2006.01)**
[25] FR
[54] **METHOD AND DEVICE FOR CONTROL OF A THRUST OF A TURBOJET ENGINE**
[54] **PROCEDE ET DISPOSITIF DE CONTROLE D'UNE POUSSEE D'UN TURBOREACTEUR**
[72] OLIVIER, AMAURY, FR
[72] JAVELOT, CHRISTOPHE, FR
[72] MCGRATH, DARRAGH, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-11-25
[86] 2015-05-13 (PCT/FR2015/051256)
[87] (WO2015/181463)
[30] FR (1454762) 2014-05-27

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[13] A1
[51] **Int.Cl. A61K 9/12 (2006.01) A61J 1/20 (2006.01) B01F 3/04 (2006.01) B01F 7/16 (2006.01) B01F 13/08 (2006.01)**
[25] EN
[54] **METHODS, DEVICES, SYSTEMS AND KITS FOR PREPARING COMPOSITIONS FOR CARE AND REPAIR OF VARICOSE VEINS**
[54] **PROCEDES, DISPOSITIFS, SYSTEMES ET KITS DE PREPARATION DE COMPOSITIONS POUR LE SOIN ET LA REPARATION DE VEINES VARIQUEUSES**
[72] PUIG DOMENECH, ANTONI, ES
[72] ROCHE REBOLLO, ENRIQUE, ES
[72] LLUSA MELENDEZ, GUIU, ES
[72] PUIG HERRERA, JORDI, ES
[71] PUIG DOMENECH, ANTONI, ES
[71] ROCHE REBOLLO, ENRIQUE, ES
[85] 2016-11-28
[86] 2015-06-02 (PCT/EP2015/062265)
[87] (WO2015/185554)
[30] ES (P201430845) 2014-06-03

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[13] A1
[51] **Int.Cl. B05D 1/34 (2006.01) B05D 1/26 (2006.01) B41F 31/22 (2006.01) B41F 31/26 (2006.01)**
[25] EN
[54] **CUSTOMIZABLE APPARATUS AND METHOD FOR TRANSPORTING AND DEPOSITING FLUIDS**
[54] **APPAREIL PERSONNALISABLE ET PROCEDE POUR TRANSPORTER ET DEPOSER DES FLUIDES**
[72] BYRNE, THOMAS TIMOTHY, US
[72] PRODOEHL, MICHAEL SCOTT, US
[72] MCNEIL, KEVIN BENSON, US
[72] MELLIN, GUSTAV ANDRE', US
[72] CHEN, HAIBIN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-28
[86] 2015-05-28 (PCT/US2015/032788)
[87] (WO2015/184037)
[30] US (14/291,664) 2014-05-30

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[13] A1
[51] **Int.Cl. A45D 37/00 (2006.01) A45D 40/00 (2006.01)**
[25] EN
[54] **DEVICE FOR DELIVERY OF SKIN CARE COMPOSITION**
[54] **DISPOSITIF POUR L'ADMINISTRATION D'UNE COMPOSITION DE SOIN DE LA PEAU**
[72] PUTNINS, MATTHEW ERIC, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2016-11-29
[86] 2015-05-12 (PCT/US2015/030251)
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[30] US (14/291,508) 2014-05-30

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[13] A1
[51] **Int.Cl. A61M 25/00 (2006.01) A61B 50/30 (2016.01) A61J 1/00 (2006.01) B65D 47/14 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **FLIP OPEN CATHETER PACKAGE**
[54] **EMBALLAGE DE CATHETER A OUVERTURE PAR SOULEVEMENT**
[72] HANNON, DAVID, IE
[72] MCMENAMIN, MARTIN, IE
[72] FOLEY, ADAM J., IE
[72] O'FLYNN, PADRAIG M., IE
[72] COLLUM, STEPHEN, IE
[72] O'BRIEN, DANIEL, IE
[72] CARTER, ENDA F., IE
[72] FLETTER, PAUL C., US
[72] RICHARD, MARINE V., FR
[72] NAUGHTON, VINCENT, IE
[71] HOLLISTER INCORPORATED, US
[85] 2016-11-29
[86] 2015-05-29 (PCT/US2015/033344)
[87] (WO2015/184365)
[30] US (62/005,635) 2014-05-30

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[13] A1
[51] **Int.Cl. A61B 5/0476 (2006.01) G06F 17/11 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SIGNAL PROCESSING METHODS**
[54] **PROCEDES DE TRAITEMENT DE SIGNAL**
[72] FOKAS, ATHANASSIOS SPYRIDON, GB
[72] HASHEMZADEH, PARHAM, GB
[71] CAMBRIDGE ENTERPRISE LIMITED, GB
[85] 2016-11-30
[86] 2015-06-01 (PCT/GB2015/051597)
[87] (WO2015/185911)
[30] GB (1409766.1) 2014-06-02

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[13] A1
[51] **Int.Cl. A61M 1/16 (2006.01)**
[25] EN
[54] **METHOD FOR TREATING DIALYSATE, DIALYSIS SYSTEM, AND METHOD FOR PRE-EVALUATING DIALYSIS PATIENTS FOR TREATMENT WITH SAME**
[54] **PROCEDE DE TRAITEMENT DE DIALYSAT, SYSTEME DE DIALYSE ET PROCEDE DE PRE-EVALUATION DE PATIENTS SOUS DIALYSE POUR UN TRAITEMENT AVEC CEUX-CI**
[72] MERCHANT, STEPHEN, US
[71] FRESENIUS MEDICAL CARE HOLDINGS, INC., US
[85] 2016-11-29
[86] 2015-05-28 (PCT/US2015/032778)
[87] (WO2015/184033)
[30] US (62/004,642) 2014-05-29

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[13] A1
[51] **Int.Cl. B05D 1/34 (2006.01) B05D 1/26 (2006.01) B41F 31/22 (2006.01) B41F 31/26 (2006.01)**
[25] EN
[54] **METHOD FOR MAKING A CUSTOMIZABLE APPARATUS FOR TRANSPORTING AND DEPOSITING FLUIDS**
[54] **PROCEDE DE FABRICATION D'UN APPAREIL PERSONNALISABLE POUR TRANSPORTER ET DEPOSER DES FLUIDES**
[72] BYRNE, THOMAS TIMOTHY, US
[72] PRODOEHL, MICHAEL SCOTT, US
[72] MCNEIL, KEVIN BENSON, US
[72] CHEN, HAIBIN, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-29
[86] 2015-05-28 (PCT/US2015/032791)
[87] (WO2015/184040)
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[13] A1
[51] **Int.Cl. E03F 1/00 (2006.01)**
[25] EN
[54] **CONTROLLER FOR VACUUM SEWAGE SYSTEM**
[54] **DISPOSITIF DE COMMANDE POUR UN SYSTEME D'EGOUT SOUS VIDE**
[72] BLOCHER, TROY E., US
[72] GROOMS, JOHN M., US
[71] AQSEPTENCE GROUP, INC., US
[85] 2016-11-30
[86] 2015-03-16 (PCT/US2015/020641)
[87] (WO2015/187228)
[30] US (62/006,576) 2014-06-02
[30] US (14/642,872) 2015-03-10

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[13] A1
[51] **Int.Cl. A01K 11/00 (2006.01) A01K 13/00 (2006.01) A01K 29/00 (2006.01)**
[25] EN
[54] **DATA NETWORK FOR MONITORING ANIMALS**
[54] **RESEAU DE DONNEES POUR LA SURVEILLANCE D'ANIMAUX**
[72] AUER, WOLFGANG, AT
[71] SMARTBOW GMBH, AT
[85] 2016-12-01
[86] 2015-06-05 (PCT/AT2015/000084)
[87] (WO2015/184479)
[30] AT (A 447/2014) 2014-06-05
[30] AT (A 718/2014) 2014-09-22

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[13] A1
[51] **Int.Cl. B65G 1/137 (2006.01) G06Q 10/08 (2012.01) G06Q 50/28 (2012.01) B65G 1/04 (2006.01)**
[25] EN
[54] **METHODS, SYSTEMS AND APPARATUS FOR CONTROLLING MOVEMENT OF TRANSPORTING DEVICES**
[54] **PROCEDES, SYSTEMES ET APPAREIL DE COMMANDE DE MOUVEMENT DE TRANSPORT DE DISPOSITIFS**
[72] STADIE, ROBERT, GB
[72] WHELAN, MATTHEW, GB
[72] BRETT, CHRISTOPHER, GB
[71] OCADO INNOVATION LIMITED, GB
[85] 2016-12-01
[86] 2015-06-03 (PCT/EP2015/062380)
[87] (WO2015/185628)
[30] GB (1409883.4) 2014-06-03

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[13] A1
[51] **Int.Cl. D21H 27/02 (2006.01)**
[25] EN
[54] **METHODS FOR MAKING FIBROUS STRUCTURE WITH VISUALLY AND ELEMENTALLY BALANCED DESIGNS**
[54] **PROCEDES DE FABRICATION DE STRUCTURE FIBREUSE AYANT DES MODELES EQUILIBRES ELEMENTAIREMENT ET VISUELLEMENT**
[72] KIEN, KATHRYN CHRISTIAN, US
[72] SARTINI, EMMA LYNN, US
[72] ADAMS-HUGHES, MICHELLE NATASHA, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-11-14
[86] 2015-05-13 (PCT/US2015/030495)
[87] (WO2015/175615)
[30] US (61/992,523) 2014-05-13

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[13] A1
[51] **Int.Cl. G09B 29/00 (2006.01) B25J 13/08 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **METHOD FOR BUILDING A MAP OF PROBABILITY OF ONE OF ABSENCE AND PRESENCE OF OBSTACLES FOR AN AUTONOMOUS ROBOT**
[54] **PROCEDE POUR L'ELABORATION D'UNE CARTE DE PROBABILITE D'UNE ABSENCE ET/OU D'UNE PRESENCE D'OBSTACLES POUR UN ROBOT AUTONOME**
[72] GARCIA, NICOLAS, FR
[72] SOUCHET, LUCAS, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-12-01
[86] 2015-06-05 (PCT/EP2015/062611)
[87] (WO2015/185741)
[30] EP (14305849.3) 2014-06-05

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[13] A1
[51] **Int.Cl. C08G 77/08 (2006.01) C08G 77/46 (2006.01)**
[25] EN
[54] **COMPOSITION COMPRISING PLATINUM**
[54] **COMPOSITION CONTENANT DU PLATINE**
[72] KNOTT, WILFRIED, DE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2016-12-01
[86] 2015-06-17 (PCT/EP2015/063551)
[87] (WO2016/005157)
[30] DE (10 2014 213 507.9) 2014-07-11

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[13] A1
[51] **Int.Cl. A01G 31/06 (2006.01) A01G 9/02 (2006.01)**
[25] EN
[54] **VERTICAL PLANTER FOR GROWING PLANTS**
[54] **JARDINIERE VERTICALE POUR CULTIVER DES PLANTES**
[72] KINGELIN, TUUKKA, FI
[72] NILSSON, MARKUS, FI
[71] 3GREN OY, FI
[85] 2016-12-01
[86] 2015-06-02 (PCT/FI2015/050380)
[87] (WO2015/185801)
[30] FI (20145501) 2014-06-02

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[13] A1
[51] **Int.Cl. C25B 11/08 (2006.01) C25B 1/26 (2006.01)**
[25] EN
[54] **CATALYTIC OR ELECTROCATALYTIC GENERATION OF CHLORINE DIOXIDE**
[54] **PRODUCTION CATALYTIQUE OU ELECTROCATALYTIQUE DE DIOXYDE DE CHLORE**
[72] HARDEE, KENNETH L., US
[71] INDUSTRIE DE NORA S.P.A., IT
[85] 2016-12-01
[86] 2015-07-17 (PCT/EP2015/066378)
[87] (WO2016/009031)
[30] US (62/025,557) 2014-07-17

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[13] A1
[51] **Int.Cl. C12N 1/21 (2006.01) C12N 1/20 (2006.01) C12N 9/10 (2006.01) C12N 15/54 (2006.01) C12N 15/77 (2006.01) C12P 13/10 (2006.01)**
[25] EN
[54] **A MICROORGANISM OF GENUS CORYNEBACTERIUM HAVING AN ABILITY TO PRODUCE L-ARGININE AND A METHOD FOR PRODUCING L-ARGININE USING THE SAME**
[54] **MICRO-ORGANISME DU GENRE CORYNEBACTERIUM POUR LA PRODUCTION DE L-ARGININE, ET PROCEDE DE PRODUCTION DE L-ARGININE L'UTILISANT**
[72] BAE, HYUN AE, KR
[72] LEE, HAN HYOUNG, KR
[72] KANG, MIN GYEONG, KR
[72] KIM, JONG HYUN, KR
[72] KIM, HYE WON, KR
[71] CJ CHEILJEDANG CORPORATION, KR
[85] 2016-12-01
[86] 2015-10-13 (PCT/KR2015/010768)
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[30] KR (10-2014-0137794) 2014-10-13
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[54] **ENSEMBLE DE LIAISON POUR RELIER UN ENTRAINEMENT DE LAME DE FAUCHAGE A UNE LAME DE FAUCHAGE MOBILE SUIVANT UN MOUVEMENT ALTERNATIF**
[72] SCHUMACHER, HEINRICH GUNTER, DE
[72] ROTH, ANDREAS, DE
[71] EWM EICHELHARDTER WERKZEUG- UND MASCHINENBAU GMBH, DE
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[54] **FABRIC SOFTENING COMPOSITION COMPRISING A HEUR THICKENER**
[54] **COMPOSITION D'ASSOUPLISSEMENT DES TISSUS COMPRENANT UN EPAISSISSANT HEUR**
[72] KENSICHER, YVES, FR
[72] MATTER, YVES, FR
[72] SUAU, JEAN-MARC, FR
[71] COATEX, FR
[85] 2016-12-02
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[54] **CONVEYOR CHAIN**
[54] **CHAINE TRANSPORTEUSE**
[72] ZELENOVSKIY, IGOR B., US
[72] STEFANKO, JUSTIN MICHAEL, US
[72] GABOR, PHILIP MICHAEL, US
[72] HANSEN, KEVIN SCOTT, US
[72] MITCHELL, ROBERT E., US
[71] REXNORD INDUSTRIES, LLC, US
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[86] 2015-06-03 (PCT/US2015/034011)
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[25] FR
[54] **ARTICULATION MOTORISEE SECURISEE DESTINEE A EQUIPER UN ROBOT A CARACTERE HUMANOIDE**
[54] **SECURE, MOTOR-DRIVEN HINGE TO BE PROVIDED ON A HUMANOID ROBOT**
[72] CLERC, VINCENT, FR
[72] HOUCHU, LUDOVIC, FR
[72] CHEVRY, VINCENT, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-12-05
[86] 2015-06-05 (PCT/EP2015/062621)
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[25] EN
[54] **TEMPORARY SUPPORT & RAISING DEVICE**
[54] **SUPPORT TEMPORAIRE ET DISPOSITIF DE LEVAGE**
[72] MOYE, THOMAS WRIGLEY, GB
[72] MARR, DAVID THOMAS, GB
[71] MMC INNOVATIONS LLP, GB
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[54] **MODULAR WALL SYSTEM WITH VARIABLE TRIM**
[54] **SYSTEME DE PAROI MODULAIRE AYANT UNE GARNITURE VARIABLE**
[72] VON HOYNINGEN HUENE, EBERHARD, CA
[72] SHOVAR, SCOTT, US
[72] BROWN, MATTHEW C., US
[71] ALLSTEEL INC., US
[85] 2016-12-05
[86] 2015-06-04 (PCT/US2015/034201)
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[25] FR
[54] **METHOD FOR MANUFACTURING A MULTILAYER DATA MEDIUM WITH REFLECTING METALLISED INSCRIPTIONS**
[54] **PROCEDE DE FABRICATION D'UN SUPPORT DE DONNEES MULTICOUCHE A INSCRIPTIONS METALLISEES REFLECHISSANTES**
[72] PHILIPPE, ERIC, FR
[72] BES, LAURENCE, FR
[72] GALLO, ANTHONY, FR
[71] FASVER, FR
[85] 2016-12-06
[86] 2015-06-12 (PCT/EP2015/063180)
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[25] FR
[54] **SYSTEM FOR CONTROLLING A RANKINE CYCLE**
[54] **SYSTEME DE CONTROLE D'UN CYCLE DE RANKINE**
[72] RACHED, WISSAM, FR
[71] ARKEMA FRANCE, FR
[85] 2016-12-06
[86] 2015-06-08 (PCT/FR2015/051504)
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[51] **Int.Cl. F01D 25/24 (2006.01) F01D 9/02 (2006.01) F01D 11/08 (2006.01)**
[25] EN
[54] **SHROUD HANGER ASSEMBLY**
[54] **ENSEMBLE DE SUSPENSION DE CARENAGE**
[72] SHAPIRO, JASON DAVID, US
[72] SCHILLING, JAN CHRISTOPHER, US
[72] FRANKS, MICHAEL JOHN, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-12-06
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[51] **Int.Cl. F01D 11/08 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **MULTI-PIECE SHROUD HANGER ASSEMBLY**
[54] **ENSEMBLE DISPOSITIF DE SUSPENSION DE CARENAGE A MULTIPLES PIECES**
[72] SHAPIRO, JASON DAVID, US
[72] FRANKS, MICHAEL JOHN, US
[72] STAPLETON, DAVID SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-12-06
[86] 2015-04-28 (PCT/US2015/028050)
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[25] EN
[54] **SINGLE CONTACT, SINGLE ABSORPTION SYSTEM FOR PRODUCING SULFURIC ACID WITH HIGH CONVERSION EFFICIENCY**
[54] **SYSTEME D'ABSORPTION UNIQUE, A CONTACT UNIQUE, DE PRODUCTION D'ACIDE SULFURIQUE A UN RENDEMENT DE CONVERSION ELEVE**
[72] LYNE, GRAHAM, CA
[71] CHEMETICS INC., CA
[85] 2016-12-06
[86] 2015-05-13 (PCT/US2015/030515)
[87] (WO2015/191212)
[30] US (62/009,892) 2014-06-09

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[13] A1
[51] **Int.Cl. C04B 35/48 (2006.01)**
[25] EN
[54] **REFRACTORY PRODUCT, USE OF ZIRCONIUM DIOXIDE, ZIRCONIUM DIOXIDE, METHOD FOR MANUFACTURING A REFRACTORY PRODUCT AND A REFRACTORY PRODUCT MANUFACTURED THEREWITH**
[54] **PRODUIT REFRACTAIRE, UTILISATION DE DIOXYDE DE ZIRCONIUM, DIOXYDE DE ZIRCONIUM, PROCEDE DE FABRICATION D'UN PRODUIT REFRACTAIRE, AINSI QUE PRODUIT REFRACTAIRE FABRIQUE PAR CE PROCEDE**
[72] BAUER, CHRISTOPH, AT
[72] FREIBERGER, NORBERT, AT
[71] REFRACTORY INTELLECTUAL PROPERTY GMBH & CO KG, AT
[85] 2016-12-07
[86] 2015-05-28 (PCT/EP2015/061791)
[87] (WO2016/008632)
[30] EP (14176881.2) 2014-07-14

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[54] **IMMUNO-MODULATORY PROGENITOR (IMP) CELL**
[54] **CELLULE PROGENITRICE IMMUNO-MODULATRICE (IMP)**
[72] REGINALD, AJAN, GB
[72] EVANS, MARTIN JOHN, GB
[72] SULTAN, SABENA, GB
[71] CELL THERAPY LIMITED, GB
[85] 2016-12-07
[86] 2015-06-09 (PCT/GB2015/051673)
[87] (WO2015/189587)
[30] GB (1410504.3) 2014-06-12

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[25] EN
[54] **SAMPLE PREPARATION FOR NUCLEIC ACID AMPLIFICATION**
[54] **PREPARATION D'ECHANTILLON POUR L'AMPLIFICATION D'ACIDE NUCLEIQUE**
[72] FRASER, LOUISE, GB
[72] KOKKO-GONZALES, PAULA, GB
[72] SLATTER, ANDREW, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
[85] 2016-12-07
[86] 2015-06-09 (PCT/GB2015/051674)
[87] (WO2015/189588)
[30] GB (1410196.8) 2014-06-09
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[51] **Int.Cl. B64F 1/36 (2017.01) B65G 47/74 (2006.01) B66C 13/22 (2006.01)**
[25] EN
[54] **A DEVICE FOR SUPPORTING AN OBJECT SUCH AS AN ITEM OF LUGGAGE AS WELL AS AN ASSOCIATED METHOD**
[54] **DISPOSITIF DE SUPPORT D'UN OBJET TEL QU'UN ARTICLE DE BAGAGE, AINSI QU'UN PROCEDE ASSOCIE**
[72] VAN MEIJL, ERIK WILHELMUS PETRONELLA, NL
[71] VANDERLANDE INDUSTRIES B.V., NL
[85] 2016-12-07
[86] 2015-06-10 (PCT/NL2015/050418)
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[25] EN
[54] **SEED TRAIN PROCESSES AND USES THEREOF**
[54] **PROCESSUS DE CHAINES DE SEMENCES ET LEURS UTILISATIONS**
[72] BRUNINGHAUS, MICHAEL, US
[72] KONSTANTINOV, KONSTANTIN, US
[72] WRIGHT, BENJAMIN, US
[72] ZHOU, WEICHANG, US
[71] GENZYME CORPORATION, US
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[30] US (62/009,553) 2014-06-09

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[25] EN
[54] **DEVICE AND METHOD OF CALIBRATION FOR AN EYE TRACKER AND EYE CONTROL EQUIPMENT COMPRISING SAID CALIBRATION DEVICE**
[54] **DISPOSITIF ET PROCEDE D'ETALONNAGE POUR OCULOMETRE, ET EQUIPEMENT A COMMANDE OCULAIRE COMPRENANT LEDIT DISPOSITIF D'ETALONNAGE**
[72] INVERNIZZI, PAOLO, IT
[71] SR LABS S.R.L., IT
[85] 2016-12-08
[86] 2015-06-12 (PCT/IB2015/054478)
[87] (WO2015/189829)
[30] IT (MI2014A001074) 2014-06-12

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[51] **Int.Cl. F01D 11/08 (2006.01) F01D 9/02 (2006.01) F01D 25/24 (2006.01)**
[25] EN
[54] **SHROUD HANGER ASSEMBLY**
[54] **ENSEMBLE DISPOSITIF DE SUSPENSION DE CARENAGE**
[72] SHAPIRO, JASON DAVID, US
[72] BALDIGA, JONATHAN DAVID, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-12-08
[86] 2015-05-05 (PCT/US2015/029236)
[87] (WO2015/191185)
[30] US (62/011,241) 2014-06-12

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[51] **Int.Cl. H01M 4/92 (2006.01) H01M 8/1004 (2016.01)**
[25] EN
[54] **CATHODE DESIGN FOR ELECTROCHEMICAL CELLS**
[54] **CONCEPTION DE CATHODE POUR CELLULES ELECTROCHIMIQUES**
[72] YOUNG, ALAN, CA
[72] YE, SIYU, CA
[72] KNIGHTS, SHANNA D., CA
[72] BAI, KYOUNG, CA
[71] BDF IP HOLDINGS LTD., CA
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[51] **Int.Cl. C12N 5/078 (2010.01) C12N 5/071 (2010.01) C12N 5/02 (2006.01)**
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[54] **CULTURE MEDIUM FOR CELLULAR IMMUNOTHERAPY**
[54] **MILIEU DE CULTURE POUR IMMUNOTHERAPIE CELLULAIRE**
[72] GEYER, JAKOB, DE
[72] MAEURER, MARKUS, SE
[72] DODOO, ERNEST, SE
[71] POLYBIOCEPT AB, SE
[85] 2016-12-09
[86] 2015-06-10 (PCT/EP2015/062992)
[87] (WO2015/189301)
[30] DE (10 2014 211 052.1) 2014-06-10

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[51] **Int.Cl. A61G 7/05 (2006.01)**
[25] EN
[54] **SIDE-RAIL ARRANGEMENT WITH SYNCHRONISM**
[54] **GRILLE LATERALE A SYNCHRONISME**
[72] MYLNIKOW, JURIJ, DE
[72] DOHMANN, HENRIK, DE
[72] PRADEL, BENJAMIN, DE
[72] STEUERNAGEL, OLAF, DE
[71] JOH STIEGELMEYER GMBH & CO. KG, DE
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[30] DE (20 2014 103 282.7) 2014-07-16

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[51] **Int.Cl. C07K 19/00 (2006.01) C07K 1/16 (2006.01) C07K 1/22 (2006.01) C07K 14/715 (2006.01) C07K 16/00 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PURIFICATION OF TNFR:FC FUSION PROTEIN**
[54] **PROCEDE DE PURIFICATION DE LA PROTEINE DE FUSION TNFR:FC**
[72] BANERJEE, ABIR, IN
[72] GANAPATHY, CHANDRANATH, IN
[72] MODY, SORAB RUSTOM, IN
[72] MISHRA, ASHOK, IN
[71] LUPIN LIMITED, IN
[85] 2016-12-09
[86] 2015-06-13 (PCT/IB2015/054494)
[87] (WO2015/189832)
[30] IN (1919/MUM/2014) 2014-06-13

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[13] A1
[51] **Int.Cl. A61H 9/00 (2006.01) A61H 23/04 (2006.01)**
[25] EN
[54] **MASSAGE APPARATUS COMPRISING A STACK OF INFLATABLE AND DEFLATABLE CELLS INCLINED AND OVERLAPPING ONE ANOTHER**
[54] **APPAREIL DE MASSAGE COMPRENANT UN EMPILEMENT DE CELLULES GONFLABLES/DEGONFLABLES INCLINEES ET EN CHEVAUCHEMENT LES UNES PAR RAPPORT AUX AUTRES**
[72] CARTIER, CLAUDE, FR
[71] AC & CO TECHNOLOGIES, FR
[85] 2016-12-09
[86] 2015-06-30 (PCT/FR2015/051779)
[87] (WO2016/001566)
[30] FR (1456300) 2014-07-02

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[51] **Int.Cl. A61K 36/064 (2006.01) A23K 10/16 (2016.01) A23L 33/14 (2016.01) A61J 1/20 (2006.01) A61P 1/00 (2006.01) A61P 31/00 (2006.01) C12N 1/16 (2006.01)**
[25] EN
[54] **COMPOSITIONS AND METHODS FOR PREVENTING INFECTIONS**
[54] **COMPOSITIONS ET METHODES PERMETTANT DE PREVENIR LES INFECTIONS**
[72] LEFEVRE, JEAN-MARIE, FR
[72] RENAUD, GILLES, FR
[72] LE GUERN, MARIE-EMMANUELLE, FR
[71] BIOCODEX, FR
[85] 2016-12-09
[86] 2015-06-11 (PCT/EP2015/063077)
[87] (WO2015/189337)
[30] EP (14290168.5) 2014-06-11

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[51] **Int.Cl. A61B 17/72 (2006.01) A61B 17/68 (2006.01) A61B 17/86 (2006.01)**
[25] EN
[54] **CONICAL END CAP FOR INTRAMEDULLARY NAIL**
[54] **VIS D'OBTURATION CONIQUE POUR CLOU INTRAMEDULLAIRE**
[72] WIELAND, MANFRED, DE
[71] STRYKER EUROPEAN HOLDINGS I, LLC, US
[85] 2016-12-09
[86] 2015-07-03 (PCT/EP2015/065251)
[87] (WO2016/001427)
[30] EP (PCT/EP2014/064232) 2014-07-03

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[51] **Int.Cl. B32B 3/12 (2006.01) B32B 7/12 (2006.01) B32B 27/04 (2006.01) B32B 37/12 (2006.01) E04C 2/36 (2006.01)**
[25] EN
[54] **STRUCTURE WITH HONEYCOMB CORE**
[54] **STRUCTURE A AME ALVEOLEE**
[72] DIETZ, WOLFGANG, AT
[72] DREZGA, DANIJEL, AT
[72] WOLFSBERGER, GUENTER, AT
[71] MAGNA STEYR FAHRZEUGTECHNIK AG & CO KG, AT
[85] 2016-12-09
[86] 2015-12-21 (PCT/EP2015/080784)
[87] (WO2016/102459)
[30] EP (14199858.3) 2014-12-22

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[51] **Int.Cl. C01B 32/184 (2017.01) C01B 32/205 (2017.01) H05H 1/46 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PLASMA SYNTHESIS OF GRAPHITIC PRODUCTS INCLUDING GRAPHENE**
[54] **APPAREIL ET PROCEDE DE SYNTHESE PAR PLASMA DE PRODUITS GRAPHITIQUES COMPRENANT DU GRAPHENE**
[72] PENNINGTON, DALE ANDREW, GB
[72] CLAYTON, AARON ROBERT, GB
[72] JUDA, KATARZYNA LUIZA, GB
[72] PAUKNER, CATHARINA, GB
[72] KURZEPA, LUKASZ, GB
[72] ST. JOHN COOPER, ROBERT HENRY, GB
[72] KOZIOL, KRZYSZTOF KAZIMIERZ, GB
[72] JOAUG, JEROME YI-ZHE, GB
[71] FGV CAMBRIDGE NANOSYSTEMS LIMITED, GB
[85] 2016-12-09
[86] 2015-06-12 (PCT/GB2015/051745)
[87] (WO2015/189643)
[30] GB (1410639.7) 2014-06-13

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[51] **Int.Cl. A23L 5/20 (2016.01) A23K 10/30 (2016.01) A23L 7/10 (2016.01) A23L 11/30 (2016.01)**
[25] EN
[54] **REMOVAL OF PHYTATE**
[54] **EXTRACTION DE PHYTATE**
[72] VERCAUTEREN, RONNY LEONTINA MARCEL, BE
[71] CARGILL, INCORPORATED, US
[85] 2016-12-09
[86] 2015-06-12 (PCT/US2015/035502)
[87] (WO2015/191966)
[30] EP (14172185.2) 2014-06-12

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[51] **Int.Cl. C11D 3/37 (2006.01) C11D 17/00 (2006.01)**
[25] EN
[54] **FABRIC AND/OR HOME CARE COMPOSITIONS**
[54] **TISSU ET/OU COMPOSITIONS DE SOINS A DOMICILE**
[72] SIVIK, MARK ROBERT, US
[72] HODGDON, TRAVIS KYLE, US
[72] DYKSTRA, ROBERT RICHARD, US
[72] BELANGER, DENISE MALCUIT, US
[72] LEYRER, REINHOLD JOSEPH, DE
[72] FONSECA, GLEDISON, DE
[72] BOYKO, VOLODYMYR, DE
[72] FLORES-FIGUEROA, AARON, DE
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-12-09
[86] 2015-07-23 (PCT/US2015/041737)
[87] (WO2016/014798)
[30] US (62/027,823) 2014-07-23
[30] US (62/083,931) 2014-11-25

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[13] A1
[51] **Int.Cl. A61M 5/14 (2006.01) A61M 5/145 (2006.01) A61M 39/10 (2006.01)**
[25] EN
[54] **SMART CONNECTION INTERFACE**
[54] **INTERFACE DE CONNEXION INTELLIGENTE**
[72] BAZARGAN, AFSHIN, US
[72] PANANEN, JACOB E., US
[72] ALDERETE, JUAN M., JR., US
[72] ALI, SHERIF M., US
[72] GROVER, BENJAMIN A., US
[72] HALILI, EDGARDO C., US
[72] MONTALVO, SUSAN MCCONNELL, US
[72] NG, ANTHONY C., US
[72] RANKERS, ULRICH H., US
[72] SAKAE, VAUGHN S., US
[72] VAZQUEZ, PABLO, US
[72] WEAVER, ANDREW E., US
[72] YAVORSKY, MATTHEW WILLIAM, US
[72] YU, EDMOND W., US
[72] WAGNER, JENNIFER L., US
[72] LIN, MARK, US
[72] IBRANYAN, ARSEN, US
[72] TIECK, MARIE R., US
[72] TROCK, ADAM S., US
[72] LORENZEN, ERIC M., US
[71] MEDTRONIC MINIMED, INC., US
[85] 2016-12-09
[86] 2015-07-17 (PCT/US2015/040974)
[87] (WO2016/014365)
[30] US (62/027,019) 2014-07-21
[30] US (62/087,445) 2014-12-04
[30] US (62/150,064) 2015-04-20
[30] US (62/159,504) 2015-05-11
[30] US (14/801,338) 2015-07-16
[30] US (14/801,266) 2015-07-16
[30] US (14/801,548) 2015-07-16
[30] US (14/801,429) 2015-07-16
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[13] A1
[51] **Int.Cl. F41G 7/26 (2006.01)**
[25] FR
[54] **SYSTEM FOR GUIDING MISSILES FOR VEHICLES AND MOVING TARGETS**
[54] **SYSTEME DE GUIDAGE DE MISSILES POUR VEHICULES ET CIBLES MOBILES**
[72] RONDEUX, CHRISTIAN, BE
[72] BALTHASART, PIERRE, BE
[71] CMI DEFENCE S.A., BE
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[51] **Int.Cl. B64F 5/40 (2017.01) G07C 5/00 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR ASSISTING IN THE MAINTENANCE OF AIRCRAFT AND OTHER MOBILE PLATFORMS USING OCCURRENCE PROBABILITIES OF POTENTIAL CAUSES OF A DETECTED EVENT**
[54] **PROCEDES ET APPAREIL D'AIDE A LA MAINTENANCE D'AERONEF ET D'AUTRES PLATES-FORMES MOBILES AU MOYEN DE PROBABILITES D'OCCURRENCE DE CAUSES POTENTIELLES D'UN EVENEMENT DETECTE**
[72] BLACKMAN, MICHAEL, CA
[71] BOMBARDIER INC., CA
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[86] 2015-06-23 (PCT/IB2015/054693)
[87] (WO2015/198216)
[30] US (62/017,519) 2014-06-26

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[51] **Int.Cl. A47B 88/493 (2017.01) F16C 29/04 (2006.01)**
[25] EN
[54] **PULL-OUT GUIDE FOR FURNITURE PARTS THAT CAN BE MOVED IN RELATION TO EACH OTHER**
[54] **GUIDAGE TELESCOPIQUE POUR PARTIES DE MEUBLES MOBILES LES UNES PAR RAPPORT AUX AUTRES**
[72] KATHLER, ANDREAS, DE
[72] JAEKEL, STEFFEN, DE
[72] FRANKE, THOMAS, DE
[72] MERTENS, JANINE, DE
[72] BUSCHER, REINHARD, DE
[71] PAUL HETTICH GMBH & CO. KG, DE
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[25] EN
[54] **CONJUGATES COMPRISING AN ANTI-EGFR1 ANTIBODY**
[54] **CONJUGUES COMPRENANT UN ANTICORPS ANTI-EGFR1**
[72] LEPPANEN, ANNE, FI
[72] EKHOLM, FILIP S., FI
[72] HELIN, JARI, FI
[72] SALO, HANNA, FI
[72] KANERVA, ANNE, FI
[71] TENBORON OY, FI
[85] 2016-12-12
[86] 2015-06-12 (PCT/FI2015/050422)
[87] (WO2015/189477)
[30] FI (20145552) 2014-06-13
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[13] A1
[51] **Int.Cl. A61M 16/00 (2006.01) A61M 16/12 (2006.01) A61M 16/16 (2006.01)**
[25] FR
[54] **RESPIRATORY ASSISTANCE DEVICE, NASAL APPARATUS AND RESPIRATORY ASSISTANCE MASK**
[54] **DISPOSITIF D'ASSISTANCE RESPIRATOIRE, APPAREIL NASAL ET MASQUE D'ASSISTANCE RESPIRATOIRE**
[72] CARREZ, JEAN-LUC, FR
[72] BERTHEUIL, ELODIE, FR
[72] LESIMPLE BOBERT, LAURENT, FR
[72] RIGA, CYRIL, FR
[72] BOUSSIGNAC, GEORGES, FR
[71] VYGON, FR
[71] BOUSSIGNAC, GEORGES, FR
[85] 2016-12-12
[86] 2015-06-11 (PCT/FR2015/051553)
[87] (WO2015/189525)
[30] FR (1455395) 2014-06-13

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[51] **Int.Cl. C12Q 1/68 (2006.01) C12M 1/34 (2006.01) C12M 1/38 (2006.01) C12M 1/40 (2006.01) C12N 15/10 (2006.01) C40B 40/06 (2006.01) C40B 50/06 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR PREPARING SEQUENCING LIBRARIES**
[54] **PROCEDES ET COMPOSITIONS A UTILISER POUR PREPARER LE SEQUENCAGE DE BIBLIOTHEQUES**
[72] RIGATTI, ROBERTO, GB
[72] GORMLEY, NIALL ANTHONY, GB
[71] ILLUMINA CAMBRIDGE LIMITED, GB
[85] 2016-12-12
[86] 2015-06-12 (PCT/GB2015/051735)
[87] (WO2015/189636)
[30] US (62/012,188) 2014-06-13

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[51] **Int.Cl. A61F 13/539 (2006.01) A61F 13/15 (2006.01) A61F 13/84 (2006.01) A61L 15/58 (2006.01) B32B 7/12 (2006.01)**
[25] EN
[54] **ABSORBENT ARTICLE WITH TACKIFIER-FREE ADHESIVE**
[54] **ARTICLE ABSORBANT DOTE D'UNE COLLE EXEMPTE DE TACKIFIANT**
[72] BUNNELLE, WILLIAM L., US
[72] TURNER, ROBERT HAINES, US
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2016-12-12
[86] 2015-06-11 (PCT/US2015/035235)
[87] (WO2015/191802)
[30] US (14/302,725) 2014-06-12

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[51] **Int.Cl. F24F 7/02 (2006.01) G06F 1/20 (2006.01) H05K 7/20 (2006.01)**
[25] EN
[54] **INVERTED EXHAUST PLENUM MODULE**
[54] **MODULE DE CHAMBRE DE DISTRIBUTION D'ECHAPPEMENT INVERSE**
[72] PHILLIPS, MATTHEW THOMAS, US
[72] WILDING, ROBERT DAVID, US
[72] GARDNER, BROCK ROBERT, US
[72] ROSS, PETER GEORGE, US
[72] SADLER, TIMOTHY LOGAN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-12-12
[86] 2015-06-18 (PCT/US2015/036406)
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[13] A1
[51] **Int.Cl. C11D 17/04 (2006.01)**
[25] EN
[54] **FLEXIBLE WATER-SOLUBLE ARTICLES**
[54] **ARTICLES SOUPLES SOLUBLES DANS L'EAU**
[72] CUMMING, DAVID XAVANTE, BE
[72] BRANDT SANZ, MIGUEL, BE
[72] HAIKAL, ATEF MOHAMMED BAHAY ELDIN, BE
[72] FAGG, ANDREW JOHN, BE
[72] BOMBACH, RALF, BE
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2015-07-21 (PCT/US2015/041301)
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[30] EP (14177799.5) 2014-07-21

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[51] **Int.Cl. A01K 63/06 (2006.01) H05B 3/02 (2006.01)**
[25] EN
[54] **BASKING HEATER AND METHODS**
[54] **COUVEUSE ET PROCEDES**
[72] NEWMAN, DANIEL A., US
[72] TORRES PEREZ, JOSE MANUEL, US
[72] MEYERS, DEREK JAMES, US
[72] CARLEY, JOSEPH CHRISTOPHER, US
[71] SPECTRUM BRANDS, INC., US
[85] 2016-12-13
[86] 2015-06-15 (PCT/US2015/035843)
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[30] US (62/014,370) 2014-06-19

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[51] **Int.Cl. D21H 27/02 (2006.01)**
[25] EN
[54] **FIBROUS STRUCTURES WITH VISUALLY AND ELEMENTALLY BALANCED DESIGNS**
[54] **STRUCTURES FIBREUSES AYANT DES MODELES EQUILIBRES ELEMENTAIREMENT ET VISUELLEMENT**
[72] KIEN, KATHRYN CHRISTIAN, US
[72] SARTINI, EMMA LYNN, US
[71] THE PROCTER & GAMBLE COMPANY, US
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[86] 2015-05-13 (PCT/US2015/030496)
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[51] **Int.Cl. C22B 7/00 (2006.01) B22D 7/00 (2006.01)**
[25] FR
[54] **METHOD FOR RECYCLING SCRAP OF 2XXX OR 7XXX SERIES ALLOYS**
[54] **PROCEDE DE RECYCLAGE DE SCRAP D'ALLIAGES DE LA SERIE 2XXX OU 7XXX**
[72] ARBAB, ALIREZA, FR
[72] BOISSONNET, LAURENT, FR
[72] DIAWARA, JULES, US
[72] HERVIEU, PASCAL, FR
[72] PICHAT, ANNE, FR
[71] CONSTELLIUM ISSOIRE, FR
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[51] **Int.Cl. A61H 1/00 (2006.01) A43B 3/00 (2006.01) A43B 7/00 (2006.01) A61H 1/02 (2006.01)**
[25] EN
[54] **MOBILITY AID**
[54] **AIDE A LA MOBILITE**
[72] PAPE, LISE S., GB
[71] PAPE, LISE S., GB
[85] 2016-12-13
[86] 2015-06-12 (PCT/GB2015/051730)
[87] (WO2015/189631)
[30] GB (1410648.8) 2014-06-14
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[51] **Int.Cl. C09K 5/04 (2006.01)**
[25] EN
[54] **REFRIGERANT MIXTURES COMPRISING TETRAFLUOROPROPENE, DIFLUOROMETHANE, PENTAFLUOROETHANE, AND TETRAFLUOROETHANE, AND USES THEREOF**
[54] **MELANGES DE FLUIDES FRIGORIGENES COMPRENANT DU TETRAFLUOROPROPENE, DU DIFLUOROMETHANE, DU PENTAFLUOROETHANE ET DU TETRAFLUOROETHANE ET LEURS UTILISATIONS**
[72] MINOR, BARBARA HAVILAND, US
[72] ALLGOOD, CHARLES CLINTON, US
[71] THE CHEMOURS COMPANY FC, LLC, US
[85] 2016-12-13
[86] 2015-07-13 (PCT/US2015/040123)
[87] (WO2016/014272)
[30] US (14/340,956) 2014-07-25

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[51] **Int.Cl. H04N 21/472 (2011.01) H04N 21/431 (2011.01) H04N 21/84 (2011.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR IDENTIFYING MEDIA ASSETS**
[54] **METHODES ET SYSTEMES D'IDENTIFICATIONS D'ACTIFS DE MEDIA**
[72] ROHTER, ALON, US
[71] ROVI GUIDES, INC., US
[85] 2016-12-22
[86] 2016-06-28 (PCT/US2016/039755)
[87] (2952465)
[30] US (14/753,371) 2015-06-29

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[51] **Int.Cl. H01L 21/48 (2006.01) A61B 5/00 (2006.01) A61M 37/00 (2006.01) H01L 23/50 (2006.01)**
[25] EN
[54] **AN INTEGRATED CIRCUIT MODULE WITH LEAD FRAME MICRO-NEEDLES**
[54] **MODULE DE CIRCUIT INTEGRE AVEC MICRO-AIGUILLES DE GRILLES DE CONNEXION**
[72] KASKOUN, KENNETH, US
[72] ZHANG, RONGTIAN, US
[72] NOWAK, MATTHEW MICHAEL, US
[72] GU, SHIQUN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-14
[86] 2015-06-04 (PCT/US2015/034149)
[87] (WO2016/007246)
[30] US (14/326,842) 2014-07-09

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[25] FR
[54] **DEVICE AND METHOD FOR LUBRICATING A TURBOMACHINE ROLLING BEARING**
[54] **DISPOSITIF ET PROCEDE DE LUBRIFICATION D'UN PALIER A ROULEMENT DE TURBOMACHINE**
[72] PIKOVSKY, CATHERINE, FR
[72] BOUDEBIZA, TEWFIK, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-12-15
[86] 2015-06-15 (PCT/FR2015/051583)
[87] (WO2015/197943)
[30] FR (1455803) 2014-06-23

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[51] **Int.Cl. C09C 3/06 (2006.01) C08J 3/20 (2006.01) C08K 9/10 (2006.01) C08L 27/06 (2006.01) C09C 3/08 (2006.01)**
[25] EN
[54] **COATED PIGMENTS FOR DYEING PVC**
[54] **PIGMENTS ENROBES DESTINES A LA COLORATION DU PVC**
[72] CHLOPEK, KRZYSZTOF, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
[85] 2016-12-15
[86] 2015-06-17 (PCT/EP2015/063630)
[87] (WO2015/193390)
[30] EP (14173003.6) 2014-06-18

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[25] EN
[54] **MIXTURES OF COATED PIGMENTS AND FATTY ACID SALTS FOR DYEING PVC**
[54] **MELANGES DE PIGMENTS ENROBES ET DE SELS D'ACIDES GRAS, DESTINES A LA COLORATION DU PVC**
[72] CHLOPEK, KRZYSZTOF, DE
[71] LANXESS DEUTSCHLAND GMBH, DE
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[25] EN
[54] **LATEX FORMULATION FOR MAKING ELASTOMERIC PRODUCTS**
[54] **FORMULATION DE LATEX POUR LA FABRICATION DE PRODUITS ELASTOMERES**
[72] TUNG, CIAN YING, MY
[72] LIM, KEUW WEI, MY
[72] WONG, CHONG BAN, MY
[71] TOP GLOVE SDN. BHD., MY
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[87] (WO2016/072835)
[30] MY (PI2014003115) 2014-11-06

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[51] **Int.Cl. H01M 8/04537 (2016.01) H01M 8/1018 (2016.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR DETERMINING THE CONDITION OF AN ELECTRICITY-PRODUCING CELL**
[54] **APPAREIL ET PROCEDE POUR DETERMINER L'ETAT D'UNE CELLULE DE PRODUCTION D'ELECTRICITE**
[72] DE BEER, CHRIS, ZA
[71] UNIVERSITY OF CAPE TOWN, ZA
[85] 2016-12-15
[86] 2015-06-24 (PCT/IB2015/054727)
[87] (WO2015/198234)
[30] GB (1411419.3) 2014-06-26

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[51] **Int.Cl. C22C 38/04 (2006.01) C21D 8/02 (2006.01) C22C 38/02 (2006.01) C23C 2/06 (2006.01)**
[25] EN
[54] **STEEL STRIP HAVING HIGH STRENGTH AND HIGH FORMABILITY, THE STEEL STRIP HAVING A HOT DIP ZINC BASED COATING**
[54] **BANDE D'ACIER DOUEE D'UNE RESISTANCE ELEVEE ET D'UNE APTITUDE ELEVEE AU FORMAGE, PORTANT UN REVETEMENT A BASE DE ZINC OBTENU PAR IMMERSION A CHAUD**
[72] HANLON, DAVID NEAL, NL
[72] ZUIJDERWIJK, MARGA JOSINA, NL
[72] VAN BOHEMEN, STEFANUS MATHEUS CORNELIS, NL
[71] TATA STEEL IJMUIDEN B.V., NL
[85] 2016-12-15
[86] 2015-07-06 (PCT/EP2015/025044)
[87] (WO2016/005061)
[30] EP (14176008.2) 2014-07-07

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[51] **Int.Cl. C08K 5/58 (2006.01)**
[25] EN
[54] **MOISTURE-CURABLE POLYMERIC COMPOSITIONS HAVING HALOGENATED POLYMERS AND METAL MERCAPTIDES**
[54] **COMPOSITIONS POLYMERES DURCISSABLE A L'HUMIDITE COMPRENANT DES POLYMERES HALOGENES ET DES MERCAPTIDES METALLIQUES**
[72] CHAUDHARY, BHARAT I., US
[72] WAXMAN, AMY L., US
[72] GORSHENIN, ALEKSANDER, US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2016-12-15
[86] 2015-05-20 (PCT/US2015/031672)
[87] (WO2015/195267)
[30] US (62/013,564) 2014-06-18

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[13] A1
[51] **Int.Cl. C11D 3/60 (2006.01) C09D 9/00 (2006.01) C11D 7/60 (2006.01)**
[25] EN
[54] **AQUEOUS COMPOSITION FOR CLEANING OR REMOVING COATINGS**
[54] **COMPOSITION AQUEUSE POUR NETTOYER OU ENLEVER DES REVETEMENTS**
[72] CHIVERS, IVOR M., GB
[71] ECO-SOLUTIONS LIMITED, GB
[85] 2016-12-15
[86] 2015-06-15 (PCT/GB2015/051754)
[87] (WO2015/193649)
[30] GB (1411065.4) 2014-06-20

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[13] A1
[51] **Int.Cl. C04B 41/87 (2006.01) C04B 41/89 (2006.01) F01D 5/28 (2006.01) C23C 30/00 (2006.01)**
[25] EN
[54] **THERMAL AND ENVIRONMENTAL BARRIER COATING COMPOSITIONS**
[54] **COMPOSITIONS DE REVETEMENTS BARRIERES THERMIQUES ET ENVIRONNEMENTALES**
[72] KIRBY, GLEN HAROLD, US
[72] HOWELL, THOMAS GRANDFIELD, US
[71] GENERAL ELECTRIC COMPANY, US
[85] 2016-12-15
[86] 2015-06-02 (PCT/US2015/033646)
[87] (WO2016/003571)
[30] US (62/018,983) 2014-06-30
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[51] **Int.Cl. F03B 17/06 (2006.01) B63B 35/00 (2006.01) F03B 13/10 (2006.01) F03B 13/26 (2006.01) F03B 15/00 (2006.01)**
[25] EN
[54] **DEVICE FOR GENERATING HYDROELECTRIC ENERGY**
[54] **DISPOSITIF DE PRODUCTION D'ENERGIE HYDROELECTRIQUE**
[72] VAN ROMPAY, BOUDEWIJN GABRIEL, US
[71] VAN ROMPAY, BOUDEWIJN GABRIEL, US
[85] 2016-12-15
[86] 2015-06-11 (PCT/IB2015/000920)
[87] (WO2016/001725)
[30] BE (2014/0514) 2014-07-04

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[51] **Int.Cl. A61G 5/04 (2013.01) A61G 5/06 (2006.01) A61G 5/10 (2006.01)**
[25] EN
[54] **CHASSIS FOR VEHICLE**
[54] **CHASSIS POUR VEHICULE**
[72] BENDT, MADS, DK
[71] BENDT IPR APS, DK
[85] 2016-12-16
[86] 2015-06-17 (PCT/DK2015/050172)
[87] (WO2015/197069)
[30] DK (PA 2014 00332) 2014-06-24

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[13] A1
[51] **Int.Cl. F16L 53/00 (2006.01) E03B 7/14 (2006.01) F17D 1/18 (2006.01) F24H 1/10 (2006.01) H05B 3/42 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR HEATING A FLUID IN A PIPELINE BY MEANS OF THREE-PHASE CURRENT**
[54] **DISPOSITIF ET PROCEDE DE CHAUFFAGE D'UN FLUIDE DANS UNE CONDUITE AU MOYEN D'UN COURANT TRIPHASE**
[72] EDER, KURT, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
[85] 2016-12-16
[86] 2015-06-18 (PCT/EP2015/001237)
[87] (WO2015/197181)
[30] EP (14002193.2) 2014-06-26

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[51] **Int.Cl. A61K 31/46 (2006.01) A61K 31/58 (2006.01) A61P 11/00 (2006.01)**
[25] EN
[54] **MUSCARINIC ANTAGONISTS AND COMBINATIONS THEREOF FOR THE TREATMENT OF AIRWAY DISEASE IN HORSES**
[54] **ANTAGONISTES MUSCARINIQUES ET LEURS COMBINAISONS POUR LE TRAITEMENT DE MALADIE DES VOIES RESPIRATOIRES CHEZ DES CHEVAUX**
[72] ALBRECHT, BALAZS, DE
[72] AVEN, MICHAEL, DE
[72] LAMAR, JANINE, DE
[71] BOEHRINGER INGELHEIM VETMEDICA GMBH, DE
[85] 2016-12-16
[86] 2015-06-15 (PCT/EP2015/063265)
[87] (WO2015/193213)
[30] EP (14172925.1) 2014-06-18

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[51] **Int.Cl. H05K 5/00 (2006.01) G06F 1/16 (2006.01) G06F 3/041 (2006.01) H04N 5/64 (2006.01) G05B 19/042 (2006.01)**
[25] EN
[54] **INPUT AND OUTPUT DEVICE WITH FRAME**
[54] **DISPOSITIF D'ENTREE ET DE SORTIE DOTE D'UN CADRE**
[72] ESTERBAUER, HERMANN, AT
[72] WIMMER, JOHANN, AT
[71] BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H, AT
[85] 2016-12-16
[86] 2015-06-15 (PCT/EP2015/063336)
[87] (WO2015/193238)
[30] AT (A 50426/2014) 2014-06-18

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[13] A1
[51] **Int.Cl. H02J 15/00 (2006.01) B60L 11/18 (2006.01) H01M 10/44 (2006.01) H02J 3/32 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **ELECTRIC STORAGE SYSTEM**
[54] **SYSTEME DE STOCKAGE D'ENERGIE ELECTRIQUE**
[72] SUGENO, NAOYUKI, JP
[72] WATANABE, KOHKI, JP
[72] YANAGIHARA, KAZUHARU, JP
[72] IMAMURA, NORITOSHI, JP
[72] SUZUKI, YUSUKE, JP
[71] SONY CORPORATION, JP
[85] 2016-12-20
[86] 2015-06-25 (PCT/JP2015/003197)
[87] (WO2016/027400)
[30] JP (2014-168454) 2014-08-21

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[51] **Int.Cl. E21B 29/00 (2006.01) E21B 29/02 (2006.01)**
[25] EN
[54] **ANCHOR SYSTEM FOR IMPARTING A ROTATIONAL MOTION IN A CUTTING APPARATUS**
[54] **SYSTEME D'ANCRAGE POUR CONFERER UN MOUVEMENT DE ROTATION A UN APPAREIL DE COUPE**
[72] ROBERTSON, MICHAEL, US
[72] STREIBICH, DOUGLAS, US
[71] ROBERTSON INTELLECTUAL PROPERTIES, LLC, US
[85] 2016-12-01
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[51] **Int.Cl. C23C 4/134 (2016.01) C23C 4/08 (2016.01) F02C 7/32 (2006.01)**
[25] FR
[54] **PROCESS FOR MAINTAINING A TURBOMACHINE ACCESSORY GEARBOX HOUSING ELEMENT**
[54] **PROCEDE DE MAINTENANCE D'ELEMENT DE CARTER DE BOITIER D'ACCESSOIRES DE TURBOMACHINE**
[72] MEUNIER, PHILIPPE, FR
[72] HENRY, LAURENT, FR
[72] HUSTACHE, FREDERIQUE, FR
[71] SAFRAN TRANSMISSION SYSTEMS, FR
[85] 2016-12-01
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[13] A1
[51] **Int.Cl. C12Q 1/68 (2006.01) C40B 30/04 (2006.01) C40B 40/06 (2006.01)**
[25] EN
[54] **METHODS OF DIAGNOSING CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) USING NOVEL MOLECULAR BIOMARKERS**
[54] **METHODES DE DIAGNOSTIC DE LA BRONCHOPNEUMOPATHIE CHRONIQUE OBSTRUCTIVE (BPCO) FAISANT APPEL A DE NOUVEAUX BIOMARQUEURS MOLECULAIRES**
[72] ZIESCHE, ROLF, AT
[71] TRANSGENION-INTERNATIONAL INSTITUTE FOR REGENERATIVE TRANSLATIONAL MEDICINE GMBH, AT
[85] 2016-12-02
[86] 2015-06-03 (PCT/EP2015/062426)
[87] (WO2015/185653)
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[25] EN
[54] **METHODS OF DIAGNOSING CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) USING NOVEL MOLECULAR BIOMARKERS**
[54] **PROCEDES DE DIAGNOSTIC DE LA MALADIE PULMONAIRE OBSTRUCTIVE CHRONIQUE (MPOC) A L'AIDE DE NOUVEAUX BIOMARQUEURS MOLECULAIRES**
[72] ZIESCHE, ROLF, AT
[71] TRANSGENION-INTERNATIONAL INSTITUTE FOR REGENERATIVE TRANSLATIONAL MEDICINE GMBH, AT
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[51] **Int.Cl. A61B 17/16 (2006.01) A61F 2/46 (2006.01) A61B 17/17 (2006.01)**
[25] EN
[54] **PATIENT-SPECIFIC GLENOID DEPTH CONTROL**
[54] **CONTROLE DE PROFONDEUR DE GLENOIDE SPECIFIQUE AU PATIENT**
[72] KEHRES, CLINTON E., US
[72] WINSLOW, NATHAN A., US
[71] BIOMET MANUFACTURING, LLC, US
[85] 2016-12-01
[86] 2015-06-02 (PCT/US2015/033756)
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[54] **METHODS OF DIAGNOSING CHRONIC OBSTRUCTIVE PULMONARY DISEASE (COPD) USING NOVEL MOLECULAR BIOMARKERS**
[54] **METHODES DE DIAGNOSTIC DE LA BRONCHOPNEUMOPATHIE CHRONIQUE OBSTRUCTIVE (BPCO) A L'AIDE DE NOUVEAUX BIOMARQUEURS MOLECULAIRES**
[72] ZIESCHE, ROLF, AT
[71] TRANSGENION-INTERNATIONAL INSTITUTE FOR REGENERATIVE TRANSLATIONAL MEDICINE GMBH, AT
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[86] 2015-06-03 (PCT/EP2015/062440)
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[51] **Int.Cl. A61B 17/22 (2006.01) A61B 17/3207 (2006.01) A61F 2/24 (2006.01)**
[25] EN
[54] **TRANSCATHETER DEVICE FOR THE ABLATION OF CALCIFIED TISSUE FROM AORTIC VALVE LEAFLETS**
[54] **DISPOSITIF TRANSCATHETER POUR L'ABLATION DE TISSUS CALCIFIES AU NIVEAU DES VOLETS D'UNE VALVE AORTIQUE**
[72] VOLA, MARCO, FR
[72] PASQUINO, ENRICO, IT
[72] PAIN, BERNARD, FR
[71] CENTRE HOSPITALIER UNIVERSITAIRE DE SAINT-ETIENNE, FR
[71] AORTICLAB SARL, CH
[85] 2016-12-02
[86] 2015-06-04 (PCT/FR2015/051491)
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[51] **Int.Cl. F04D 29/54 (2006.01) F04D 25/08 (2006.01)**
[25] EN
[54] **COLUMNAR AIR MOVING DEVICES, SYSTEMS AND METHODS**
[54] **DISPOSITIFS, SYSTEMES ET PROCEDES DE DEPLACEMENT D'AIR EN COLONNE**
[72] AVEDON, RAYMOND B., US
[71] AIRIUS IP HOLDINGS, LLC, US
[85] 2016-12-05
[86] 2015-06-03 (PCT/US2015/034029)
[87] (WO2015/187856)
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[51] **Int.Cl. H02J 9/06 (2006.01) H02J 7/00 (2006.01)**
[25] EN
[54] **POWER SOURCE SWITCHING APPARATUS AND METHODS FOR DUAL-POWERED ELECTRONIC DEVICES**
[54] **APPAREIL DE COMMUTATION DE SOURCE D'ALIMENTATION ET PROCEDES POUR DES DISPOSITIFS ELECTRONIQUES A DOUBLE ALIMENTATION**
[72] GOFMAN, IGOR Y., US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
[85] 2016-12-05
[86] 2015-06-04 (PCT/US2015/034298)
[87] (WO2015/188010)
[30] US (14/298,528) 2014-06-06

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[51] **Int.Cl. B25J 19/00 (2006.01)**
[25] FR
[54] **DISPOSITIF DE PREPOSITIONNEMENT ET DE FIXATION AMOVIBLE DE MEMBRES ARTICULES D'UN ROBOT HUMANOIDE**
[54] **DEVICE FOR PREPOSITIONING AND REMOVABLY ATTACHING ARTICULATED LIMBS OF A HUMANOID ROBOT**
[72] HOUCHU, LUDOVIC, FR
[72] MUGNIER, FABIEN, FR
[72] CLERC, VINCENT, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-12-05
[86] 2015-06-01 (PCT/EP2015/062070)
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[54] **KEY FOR ACTUATING A PLURALITY OF HUMANOID ROBOT MECHANISMS**
[54] **CLE POUR ACTIONNER PLUSIEURS MECANISMES D'UN ROBOT A CARACTERE HUMANOIDE**
[72] TESSIER, LUDOVIC, FR
[72] FRITSCH, CLAUDE, FR
[71] SOFTBANK ROBOTICS EUROPE, FR
[85] 2016-12-05
[86] 2015-06-02 (PCT/EP2015/062209)
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[25] EN
[54] **METHOD FOR ENHANCING A USER VIEWING EXPERIENCE WHEN CONSUMING A SEQUENCE OF MEDIA**
[54] **METHODE D'AMELIORATION DE L'EXPERIENCE DE VISIONNEMENT D'UN UTILISATEUR LORS DE LA CONSOMMATION D'UNE SEQUENCE D'UN MEDIA**
[72] PATEL, MILAN, US
[72] PATTERSON, JOHN, GB
[72] DAWES, CHARLES, GB
[72] VENNERHOLM, JERRY, GB
[72] HUNTER, ANDREW, GB
[72] CLARKE, GAVIN, GB
[71] ROVI GUIDES, INC., US
[85] 2016-12-30
[86] 2016-07-29 (PCT/US2016/044617)
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[30] US (14/815,119) 2015-07-31

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[51] **Int.Cl. A61L 9/14 (2006.01) B05B 1/26 (2006.01)**
[25] EN
[54] **REMOVABLE CARTRIDGE FOR LIQUID DIFFUSION DEVICE**
[54] **CARTOUCHE AMOVIBLE POUR DISPOSITIF DE DIFFUSION DE LIQUIDE**
[72] ANSLEY, MATTHEW, US
[72] SWARD, NATHAN, US
[72] TANNER, HOWARD, US
[72] WEENING, RICHARD, US
[72] KELLY, CRAIG, US
[71] PROLITEC INC., US
[85] 2016-12-21
[86] 2015-04-16 (PCT/US2015/026257)
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[30] US (61/982,504) 2014-04-22
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[51] **Int.Cl. G06F 11/30 (2006.01) G04G 7/00 (2006.01) G06F 11/36 (2006.01)**
[25] EN
[54] **AUTOMATED ROOT CAUSE ANALYSIS OF SINGLE OR N-TIERED APPLICATIONS**
[54] **ANALYSE DE CAUSE PREMIERE AUTOMATISEE SUR DES APPLICATIONS A NIVEAU SIMPLE OU A N NIVEAUX**
[72] GUPTA, SATYA VRAT, US
[71] VIRSEC SYSTEMS, INC., US
[85] 2016-12-28
[86] 2015-06-24 (PCT/US2015/037468)
[87] (WO2015/200508)
[30] US (61/998,321) 2014-06-24

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[51] **Int.Cl. G06F 21/52 (2013.01) G06F 21/55 (2013.01)**
[25] EN
[54] **AUTOMATED CODE LOCKDOWN TO REDUCE ATTACK SURFACE FOR SOFTWARE**
[54] **VERROUILLAGE DE CODE AUTOMATISE POUR REDUIRE LA SURFACE DE RATTACHEMENT POUR UN LOGICIEL**
[72] GUPTA, SATYA VRAT, US
[71] VIRSEC SYSTEMS, INC., US
[85] 2016-12-28
[86] 2015-06-24 (PCT/US2015/037470)
[87] (WO2015/200510)
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[13] A1
[51] **Int.Cl. G06F 21/57 (2013.01) G06F 11/36 (2006.01)**
[25] EN
[54] **SYSTEM AND METHODS FOR AUTOMATED DETECTION OF INPUT AND OUTPUT VALIDATION AND RESOURCE MANAGEMENT VULNERABILITY**
[54] **SYSTEME ET PROCEDES DE DETECTION AUTOMATISEE D'UNE VALIDATION D'ENTREES ET DE SORTIES ET D'UNE VULNERABILITE DE GESTION DE RESSOURCES**
[72] GUPTA, SATYA VRAT, US
[71] VIRSEC SYSTEMS, INC., US
[85] 2016-12-28
[86] 2015-06-24 (PCT/US2015/037471)
[87] (WO2015/200511)
[30] US (61/998,318) 2014-06-24

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[13] A1
[51] **Int.Cl. A63F 13/493 (2014.01) A63F 13/497 (2014.01)**
[25] EN
[54] **SPAWNING NEW TIMELINES DURING GAME SESSION REPLAY**
[54] **GENERATION DE NOUVELLES FRISES CHRONOLOGIQUES PENDANT UNE REPRISE DE SESSION DE JEU**
[72] GEORGE, MICHAEL MARTIN, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-12-23
[86] 2015-06-26 (PCT/US2015/037860)
[87] (WO2015/200737)
[30] US (14/318,083) 2014-06-27
[30] US (14/318,117) 2014-06-27
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[13] A1
[51] **Int.Cl. G06F 15/18 (2006.01)**
[25] EN
[54] **FEATURE PROCESSING TRADEOFF MANAGEMENT**
[54] **GESTION DE COMPROMIS POUR UN TRAITEMENT DE CARACTERISTIQUES**
[72] DIRAC, LEO PARKER, US
[72] CORREA, NICOLLE M., US
[72] DANNAKER, CHARLES ERIC, US
[72] INGERMAN, ALEKSANDR MIKHAYLOVICH, US
[72] KRISHNAN, SRIRAM, US
[72] LI, JIN, US
[72] PUVVADI, SUDHAKAR RAO, US
[72] ZARANDIOON, SAMAN, US
[72] RAMAKRISHNAN, RAKESH, US
[72] ZHENG, TIANMING, US
[72] ZHUO, DONGHUI, US
[72] AGARWAL, TARUN, US
[72] STEELE, ROBERT MATTHIAS, US
[72] QIAN, JUN, US
[72] BRUECKNER, MICHAEL, US
[72] HERBRICH, RALF, US
[72] BLICK, DANIEL, US
[72] LEE, POLLY PO YEE, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-12-28
[86] 2015-06-30 (PCT/US2015/038589)
[87] (WO2016/004062)
[30] US (14/319,880) 2014-06-30
[30] US (14/319,902) 2014-06-30
[30] US (14/460,314) 2014-08-14
[30] US (14/460,312) 2014-08-14
[30] US (14/463,434) 2014-08-19
[30] US (14/484,201) 2014-09-11
[30] US (14/489,449) 2014-09-17
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[30] US (14/538,723) 2014-11-11
[30] US (14/569,458) 2014-12-12

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[13] A1
[51] **Int.Cl. G06F 15/18 (2006.01)**
[25] EN
[54] **MACHINE LEARNING SERVICE**
[54] **SERVICE D'APPRENTISSAGE MACHINE**
[72] DIRAC, LEO PARKER, US
[72] CORREA, NICOLLE M., US
[72] INGERMAN, ALEKSANDR MIKHAYLOVICH, US
[72] KRISHNAN, SRIRAM, US
[72] LI, JIN, US
[72] PUVVADI, SUDHAKAR RAO, US
[72] ZARANDIOON, SAMAN, US
[72] DANNAKER, CHARLES ERIC, US
[72] RAMAKRISHNAN, RAKESH, US
[72] ZHENG, TIANMING, US
[72] ZHUO, DONGHUI, US
[72] AGARWAL, TARUN, US
[72] STEELE, ROBERT MATTHIAS, US
[72] QIAN, JUN, US
[72] BRUECKNER, MICHAEL, US
[72] HERBRICH, RALF, US
[72] BLICK, DANIEL, US
[72] LEE, POLLY PO YEE, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-12-28
[86] 2015-06-30 (PCT/US2015/038608)
[87] (WO2016/004073)
[30] US (14/319,880) 2014-06-30
[30] US (14/319,902) 2014-06-30
[30] US (14/460,314) 2014-08-14
[30] US (14/460,312) 2014-08-14
[30] US (14/463,434) 2014-08-19
[30] US (14/484,201) 2014-09-11
[30] US (14/489,449) 2014-09-17
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[30] US (14/538,723) 2014-11-11
[30] US (14/569,458) 2014-12-12

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[13] A1
[51] **Int.Cl. F01D 17/20 (2006.01) F02C 7/18 (2006.01) F02C 9/18 (2006.01)**
[25] FR
[54] **METHOD FOR DETECTING A VALVE FAILURE IN A TURBOSHAFT ENGINE**
[54] **PROCEDE DE DETECTION DE PANNE D'UNE VANNE DANS UN TURBOMOTEUR**
[72] PEROTIN, LAURENT, FR
[72] AMER, MOHAMED, FR
[72] DJELASSI, CEDRIK, FR
[72] TOUYA, JULIE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2016-12-29
[86] 2015-06-23 (PCT/FR2015/051674)
[87] (WO2016/001520)
[30] FR (1456310) 2014-07-02

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[51] **Int.Cl. H04N 19/152 (2014.01) H04N 19/124 (2014.01) H04N 19/174 (2014.01) H04N 19/70 (2014.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR DETERMINING BUFFER FULLNESS FOR DISPLAY STREAM COMPRESSION**
[54] **SYSTEME ET PROCEDE POUR DETERMINER LE REMPLISSAGE D'UNE MEMOIRE TAMPON POUR UNE COMPRESSION DE FLUX D'AFFICHAGE**
[72] THIRUMALAI, VIJAYARAGHAVAN, US
[72] JACOBSON, NATAN HAIM, US
[72] JOSHI, RAJAN LAXMAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-29
[86] 2015-08-07 (PCT/US2015/044252)
[87] (WO2016/022938)
[30] US (62/035,349) 2014-08-08
[30] US (14/820,404) 2015-08-06

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[51] **Int.Cl. G06F 19/00 (2011.01) G06Q 10/06 (2012.01)**
[25] EN
[54] **A METHOD**
[54] **PROCEDE**
[72] WALKER, RICHARD THOMAS DR., GB
[72] SEWELL, BENJAMIN JOHN, GB
[72] JERMY, STEVEN CHARLES, GB
[71] MOJO MARITIME LIMITED, GB
[85] 2016-12-29
[86] 2015-06-30 (PCT/GB2015/051914)
[87] (WO2016/001656)
[30] GB (1411720.4) 2014-07-01

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[51] **Int.Cl. H04N 19/593 (2014.01) H04N 19/174 (2014.01) H04N 19/182 (2014.01)**
[25] EN
[54] **METHOD FOR VIDEO CODING WITH SPATIAL PREDICTION MODE FOR MULTI-MODE VIDEO CODING**
[54] **PROCEDE DE CODAGE VIDEO COMPRENANT UN MODE DE PREDICTION SPATIALE POUR LE CODAGE VIDEO MULTIMODE**
[72] JACOBSON, NATAN HAIM, US
[72] THIRUMALAI, VIJAYARAGHAVAN, US
[72] JOSHI, RAJAN LAXMAN, US
[72] DAI, MIN, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-29
[86] 2015-08-06 (PCT/US2015/044067)
[87] (WO2016/022835)
[30] US (62/035,363) 2014-08-08
[30] US (62/146,935) 2015-04-13
[30] US (14/819,306) 2015-08-05

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[13] A1
[51] **Int.Cl. H04W 72/02 (2009.01) H04W 74/08 (2009.01)**
[25] EN
[54] **LINKED NARROWBAND OPERATION FOR MTC**
[54] **OPERATION LIEE A BANDE ETROITE POUR UNE COMMUNICATION DE TYPE MACHINE (MTC)**
[72] XU, HAO, US
[72] MALLADI, DURGA PRASAD, US
[72] WEI, YONGBIN, US
[72] GAAL, PETER, US
[72] CHEN, WANSHI, US
[72] VAJAPEYAM, MADHAVAN SRINIVASAN, US
[72] GRIOT, MIGUEL, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-29
[86] 2015-08-06 (PCT/US2015/043950)
[87] (WO2016/022765)
[30] US (62/034,104) 2014-08-06
[30] US (14/818,824) 2015-08-05

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[13] A1
[51] **Int.Cl. H04W 72/12 (2009.01) H04W 72/04 (2009.01) H04J 11/00 (2006.01) H04W 16/14 (2009.01)**
[25] EN
[54] **TECHNIQUES FOR CONFIGURING UPLINK CHANNEL TRANSMISSIONS USING SHARED RADIO FREQUENCY SPECTRUM BAND**
[54] **TECHNIQUES POUR CONFIGURER DES TRANSMISSIONS SUR CANAL MONTANT A L'AIDE D'UNE BANDE DE SPECTRES RADIOFREQUENCE PARTAGEE**
[72] WEI, YONGBIN, US
[72] MALLADI, DURGA PRASAD, US
[72] LUO, TAO, US
[72] YERRAMALLI, SRINIVAS, US
[72] DAMNJANOVIC, ALEKSANDAR, US
[72] XU, HAO, US
[72] GAAL, PETER, US
[72] CHEN, WANSHI, US
[71] QUALCOMM INCORPORATED, US
[85] 2016-12-29
[86] 2015-07-24 (PCT/US2015/041957)
[87] (WO2016/022305)
[30] US (62/033,035) 2014-08-04
[30] US (14/807,024) 2015-07-23

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[13] A1
[51] **Int.Cl. G06F 19/00 (2011.01) G06F 19/18 (2011.01) G06F 17/30 (2006.01)**
[25] EN
[54] **METHODS AND SYSTEMS FOR INTERPRETATION AND REPORTING OF SEQUENCE-BASED GENETIC TESTS**
[54] **PROCEDES ET SYSTEMES D'INTERPRETATION ET DE COMPTE-RENDU DE TESTS GENETIQUES BASES SUR UNE SEQUENCE**
[72] BASSETT, DOUGLAS E., JR., US
[72] RICHARDS, DANIEL R., US
[72] SCHATZ, PEER M., DE
[71] QIAGEN REDWOOD CITY, INC., US
[71] QIAGEN GMBH, DE
[85] 2016-12-29
[86] 2015-06-18 (PCT/US2015/036338)
[87] (WO2016/003660)
[30] US (14/319,986) 2014-06-30
[30] US (14/460,568) 2014-08-15

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[13] A1
[51] **Int.Cl. G06F 15/18 (2006.01) G06F 17/20 (2006.01)**
[25] EN
[54] **FEATURE PROCESSING RECIPES FOR MACHINE LEARNING**
[54] **RECETTES DE TRAITEMENT DE CARACTERISTIQUE POUR UN APPRENTISSAGE MACHINE**
[72] DIRAC, LEO PARKER, US
[72] AGARWAL, TARUN, US
[72] CORREA, NICOLLE M., US
[72] INGERMAN, ALEKSANDR MIKHAYLOVICH, US
[72] KRISHNAN, SRIRAM, US
[72] LI, JIN, US
[72] PUVVADI, SUDHAKAR RAO, US
[72] ZARANDIOON, SAMAN, US
[72] DANNAKER, CHARLES ERIC, US
[72] RAMAKRISHNAN, RAKESH, US
[72] ZHENG, TIANMING, US
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[72] STEELE, ROBERT MATTHIAS, US
[72] QIAN, JUN, US
[72] BRUECKNER, MICHAEL, US
[72] HERBRICH, RALF, US
[72] BLICK, DANIEL, US
[72] LEE, POLLY PO YEE, US
[71] AMAZON TECHNOLOGIES, INC., US
[85] 2016-12-29
[86] 2015-06-30 (PCT/US2015/038590)
[87] (WO2016/004063)
[30] US (14/319,880) 2014-06-30
[30] US (14/319,902) 2014-06-30
[30] US (14/460,314) 2014-08-14
[30] US (14/460,312) 2014-08-14
[30] US (14/463,434) 2014-08-19
[30] US (14/484,201) 2014-09-11
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[54] **CABLE DE DONNEES POUR TRANSMISSIONS DE DONNEES A HAUT DEBIT**
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[72] DETTMER, MELANIE, DE
[71] LEONI KABEL GMBH, DE
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[54] **SYSTEMES ET PROCEDES PERMETTANT UNE RAP EN PRESENCE D'HOMOPHONES**
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[72] BARVE, RAKESH, IN
[71] ROVI GUIDES, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR AUTOMATICALLY MODIFYING FUNCTIONALITY OF AN ACTUATOR TO SELECT MEDIA ASSETS**
[54] **SYSTEMES ET PROCEDES DE MODIFICATION AUTOMATIQUE DE LA FONCTIONNALITE D'UN ACTIONNEUR POUR SELECTIONNER DES CONTENUS MULTIMEDIAS**
[72] MORI, SOHO, JP
[71] ROVI GUIDES, INC., US
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[25] EN
[54] **METHOD FOR OBTAINING NAPIN AND CRUCIFERIN OR A MIXTURE THEREOF FROM RAPESEED**
[54] **PROCEDE D'OBTENTION DE NAPINE ET DE CRUCIFERINE OU D'UN MELANGE DE CES SUBSTANCES A PARTIR DE COLZA**
[72] DURING, KLAUS, DE
[72] TRESSEL, RALF-PETER, DE
[72] SCHULZE, BARBARA, DE
[72] PUDEL, FRANK, DE
[71] PILOT PFLANZENOLTECHNOLOGIE MAGDEBURG E.V. (PPM E.V.), DE
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[54] **PROTECTIVE MAT AND METHOD FOR PROTECTING A FLOOR FROM SPILLAGE AND DEBRIS**
[54] **TAPIS DE PROTECTION, ET PROCEDE DE PROTECTION DE PLANCHER CONTRE UN DEVERSEMENT ET DES DEBRIS**
[72] KEENE, JAMES R., US
[71] KEENE BUILDING PRODUCTS CO., INC., US
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[54] **AUDIO DECODER, METHOD AND COMPUTER PROGRAM USING A ZERO-INPUT-RESPONSE TO OBTAIN A SMOOTH TRANSITION**
[54] **DECODEUR AUDIO, PROCEDE ET PROGRAMME INFORMATIQUE UTILISANT UNE REPONSE D'ENTREE ZERO AFIN D'OBTENIR UNE TRANSITION PROGRESSIVE**
[72] RAVELLI, EMMANUEL, DE
[72] FUCHS, GUILLAUME, DE
[72] DISCH, SASCHA, DE
[72] MULTRUS, MARKUS, DE
[72] PIETRZYK, GRZEGORZ, DE
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[54] **MULTIBAND ANTENNA SYSTEM**
[54] **SYSTEME D'ANTENNE MULTIBANDE**
[72] CONTRERAS, NEREYDO T., US
[72] BIT-BABIK, GIORGI G., US
[72] FARAONE, ANTONIO, US
[72] WILLIAMS, WILLIAM R., US
[71] MOTOROLA SOLUTIONS, INC., US
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[54] **ENHANCED ALARMING WITH BACNET OBJECTS**
[54] **ALARME AMELIOREE AVEC OBJETS BACNET**
[72] LANDOU, BRUNO P., US
[72] RULE, THOMAS, US
[71] SIEMENS INDUSTRY, INC., US
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[25] EN
[54] **METHOD FOR DETECTING AN ATTACK ON A WORK ENVIRONMENT CONNECTED TO A COMMUNICATION NETWORK**
[54] **PROCEDE DE DETECTION D'UNE ATTAQUE SUR UN ENVIRONNEMENT DE TRAVAIL CONNECTE A UN RESEAU DE COMMUNICATION**
[72] OCHSE, MARCO, DE
[71] DEUTSCHE TELEKOM AG, DE
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[54] **IMPROVED DEVICE PAIRING WITH A DUAL USE PIEZOELECTRIC ACOUSTIC COMPONENT AND VIBRATION SENSOR**
[54] **JUMELAGE DE DISPOSITIFS AMELIORE AVEC UN COMPOSANT ACOUSTIQUE PIEZOELECTRIQUE A DOUBLE USAGE ET UN CAPTEUR DE VIBRATIONS**
[72] GOFMAN, IGOR Y., US
[72] DIONISIO, CHRISTOPHER A., US
[71] ASCENSIA DIABETES CARE HOLDINGS AG, CH
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[54] **METHOD FOR DETECTING AN ATTACK IN A COMPUTER NETWORK**
[54] **PROCEDE DE DETECTION D'UNE ATTAQUE DANS UN RESEAU D'ORDINATEURS**
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[72] WESTPHALEN, MICHAEL, DE
[71] DEUTSCHE TELEKOM AG, DE
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[54] **METHOD AND DEVICE FOR PROCESSING MOTION EVENTS**
[54] **PROCEDE ET DISPOSITIF POUR TRAITER DES EVENEMENTS DE MOUVEMENT**
[72] LASKA, JASON N., US
[72] NELSON, GREGORY R., US
[72] DUFFY, GREG, US
[72] MITSUJI, HIRO, US
[72] HILL, CAMERON, US
[72] DAVIDSSON, MARTIN, US
[72] MONTALBO, MICHAEL D., US
[72] WAN, TUNG YUEN, US
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[25] FR
[54] **METHOD FOR JOINING A CLUSTER OF ELECTRONIC DEVICES COMMUNICATING VIA A WIRELESS NETWORK, ASSOCIATED ELECTRONIC DEVICE IMPLEMENTING SAID METHOD AND SYSTEM**
[54] **PROCEDE D'ADHESION A UNE GRAPPE DE DISPOSITIFS ELECTRONIQUES COMMUNIQUANT VIA UN RESEAU SANS FIL, DISPOSITIF ELECTRONIQUE METTANT EN OEUVRE LEDIT PROCEDE, ET SYSTEME ASSOCIES**
[72] DARAGON, PASCAL, FR
[72] GUZZO, NATALE, FR
[72] MITTON, NATHALIE, FR
[72] NANDAGOBAN, ARULNAMPI, FR
[71] TRAXENS, FR
[71] INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE, FR
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[54] **ANTI-TRIP WHEN IMMERSED IN A VIRTUAL REALITY ENVIRONMENT**
[54] **SYSTEME ANTI-CHUTE LORS DE L'IMMERSION DANS UN ENVIRONNEMENT DE REALITE VIRTUELLE**
[72] DA VEIGA, ALEXANDRE, US
[72] SUGDEN, BENJAMIN, US
[72] MASSEY, LAURA, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[86] 2015-07-24 (PCT/US2015/041867)
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[25] EN
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[54] **DISPOSITIF DE MELANGE ET DE FERMETURE DESTINE A UN RECIPIENT**
[72] PRESCHE, MARTIN, DE
[71] RPC BRAMLAGE GMBH, DE
[85] 2017-01-11
[86] 2015-05-06 (PCT/EP2015/059902)
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[54] **ASYMMETRIC CAPABILITY-DRIVEN METHODS FOR BEAM TRACKING IN MM-WAVE ACCESS SYSTEMS**
[54] **PROCEDES ASYMETRIQUES AXES SUR LA CAPACITE POUR LE SUIVI DE FAISCEAUX DANS DES SYSTEMES D'ACCES A ONDES MILLIMETRIQUES**
[72] RAGHAVAN, VASANTHAN, US
[72] SUBRAMANIAN, SUNDAR, US
[72] SAMPATH, ASHWIN, US
[72] LI, JUNYI, US
[71] QUALCOMM INCORPORATED, US
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[86] 2015-06-22 (PCT/US2015/037009)
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[51] **Int.Cl. H04N 13/04 (2006.01)**
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[54] **METHOD FOR REPRESENTING A THREE-DIMENSIONAL SCENE ON AN AUTO-STEREOSCOPIC MONITOR**
[54] **PROCEDE DE REPRESENTATION D'UNE SCENE EN TROIS DIMENSIONS SUR UN MONITEUR AUTO-STEREOSCOPIQUE**
[72] KUGLER, ANDREAS, AT
[71] NOVOMATIC AG, AT
[85] 2017-01-12
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[54] **GUIDED WAVE COUPLERS AND METHODS THEREOF**
[54] **COUPLEURS A ONDES GUIDEES ET PROCEDES ASSOCIES**
[72] HENRY, PAUL SHALA, US
[72] BARNICKEL, DONALD J., US
[72] FARHAD, BARZEGAR, US
[72] BENNETT, ROBERT, US
[72] GERSZBERG, IRWIN, US
[72] WILLIS, THOMAS M., III, US
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[54] **SYNTHETIC TRANSACTIONS BETWEEN COMMUNICATION ENDPOINTS**
[54] **TRANSACTIONS SYNTHETIQUES ENTRE DES POINTS D'EXTREMITE DE COMMUNICATION**
[72] LEEB, GUNTER, US
[72] MENEZES, PASCAL F., US
[72] MORROW, JON R., US
[72] HANLON, WILLIAM N., US
[72] ZYBURA, JOHN HILLARY, US
[72] HASSAN, AMER A., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **SITE DETECTION IN A COMMUNICATIONS NETWORK**
[54] **DETECTION DE SITE DANS UN RESEAU DE COMMUNICATION**
[72] NAIEM, AMGAD, SE
[72] EL-BELTAGY, MOHAMMED, SE
[72] SEIF, SONDOS, SE
[71] HIVE STREAMING AB, SE
[85] 2017-01-13
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[25] EN
[54] **AUDIO ENCODER AND DECODER USING A FREQUENCY DOMAIN PROCESSOR WITH FULL-BAND GAP FILLING AND A TIME DOMAIN PROCESSOR**
[54] **CODEUR ET DECODEUR AUDIO METTANT EN OEUVRE UN PROCESSEUR DE DOMAINE FREQUENTIEL A COMBLEMENT DE LACUNES DE BANDE COMPLETE ET UN PROCESSEUR DE DOMAINE TEMPOREL**
[72] DISCH, SASCHA, DE
[72] DIETZ, MARTIN, DE
[72] MULTRUS, MARKUS, DE
[72] FUCHS, GUILLAUME, DE
[72] RAVELLI, EMMANUEL, DE
[72] NEUSINGER, MATTHIAS, DE
[72] SCHNELL, MARKUS, DE
[72] SCHUBERT, BENJAMIN, DE
[72] GRILL, BERNHARD, DE
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[54] **HARMONICITY-DEPENDENT CONTROLLING OF A HARMONIC FILTER TOOL**
[54] **COMMANDE DEPENDANTE DE L'HARMONICITE D'UN OUTIL DE FILTRE HARMONIQUE**
[72] MARKOVIC, GORAN, DE
[72] HELMRICH, CHRISTIAN, DE
[72] RAVELLI, EMMANUEL, DE
[72] JANDER, MANUEL, DE
[72] DOHLA, STEFAN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2015-07-27 (PCT/EP2015/067160)
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[51] **Int.Cl. G10L 19/26 (2013.01) G10L 19/035 (2013.01) G10L 21/02 (2013.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR PROCESSING AN AUDIO SIGNAL USING A HARMONIC POST-FILTER**
[54] **APPAREIL ET PROCEDE POUR TRAITER UN SIGNAL AUDIO EN UTILISANT UN POST-FILTRE D'HARMONIQUES**
[72] RAVELLI, EMMANUEL, DE
[72] HELMRICH, CHRISTIAN, DE
[72] MARKOVIC, GORAN, DE
[72] NEUSINGER, MATTHIAS, DE
[72] DISCH, SASCHA, DE
[72] JANDER, MANUEL, DE
[72] DIETZ, MARTIN, DE
[71] FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V., DE
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[86] 2015-07-24 (PCT/EP2015/066998)
[87] (WO2016/016121)
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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AGGREGATING INFORMATION-ASSET METADATA FROM MULTIPLE DISPARATE DATA-MANAGEMENT SYSTEMS**
[54] **SYSTEMES ET PROCEDES POUR AGREGER DES METADONNEES D'ACTIF D'INFORMATIONS A PARTIR DE MULTIPLES SYSTEMES DE GESTION DE DONNEES DISPARATES**
[72] VRANYES, STEVE A., US
[72] CARTER, STUART, CH
[72] DICKSON, CHRISTOPHER M., US
[72] KOETEN, ROBERT, US
[71] VERITAS TECHNOLOGIES LLC, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR ADAPTIVELY CONTROLLING ALARM ISSUANCE**
[54] **SYSTEMES ET PROCEDES POUR LA COMMANDE ADAPTATIVE D'EMISSION D'ALERTE**
[72] SOTO, MANUEL A., US
[72] BERGMAN, ADAM SCOT, US
[71] TYCO FIRE & SECURITY GMBH, CH
[85] 2017-01-16
[86] 2015-06-05 (PCT/US2015/034469)
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[30] US (62/011,442) 2014-06-12
[30] US (14/485,030) 2014-09-12

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[25] EN
[54] **AUTOMATIC DETECTION OF PREFERENCES FOR SUBTITLES AND DUBBING**
[54] **DETECTION AUTOMATIQUE DE PREFERENCES POUR DES SOUS-TITRES ET UN DOUBLAGE**
[72] WILSON, HALEY, US
[72] WU, EDDY, US
[72] MAKHARIA, RITESH, US
[72] RAHMAN, TASKIN, US
[72] FISHER-OGDEN, PHILIP, US
[71] NETFLIX, INC., US
[85] 2017-01-16
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[25] EN
[54] **ORPHANED UTTERANCE DETECTION SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DETECTION D'ENONCE ORPHELIN**
[72] TUR, GOKHAN, US
[72] DEORAS, ANOOP, US
[72] HAKKANI-TUR, DILEK, US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
[85] 2017-01-17
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[30] US (14/466,642) 2014-08-22

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[51] **Int.Cl. H01S 3/098 (2006.01) H01S 3/067 (2006.01) H01S 3/11 (2006.01)**
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[54] **PASSIVELY MODE-LOCKED FIBER RING GENERATOR**
[54] **GENERATEUR ANNULAIRE DE FIBRE A MODES BLOQUES PASSIVEMENT**
[72] SAMARTSEV, IGOR, US
[72] BORDENYUK, ANDREY, US
[71] IPG PHOTONICS CORPORATION, US
[85] 2017-01-17
[86] 2015-12-15 (PCT/US2015/065798)
[87] (WO2016/100330)
[30] US (62/091,817) 2014-12-15

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[51] **Int.Cl. B01J 2/04 (2006.01)**
[25] EN
[54] **LIQUID FEEDING DEVICE FOR THE GENERATION OF DROPLETS**
[54] **DISPOSITIF D'ALIMENTATION EN LIQUIDE POUR GENERER DES GOUTTELETTES**
[72] GEBHARD, THOMAS, DE
[72] KAISER, ROLAND, DE
[72] LUY, BERNHARD, DE
[72] PLITZKO, MATTHIAS, DE
[72] STRUSCHKA, MANFRED, DE
[72] ZERILLO, CHRISTIAN, DE
[71] SANOFI PASTEUR, FR
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[72] SHELBY, KEVIN A., US
[72] EARNSHAW, MARK, CA
[71] COHERENT LOGIX, INCORPORATED, US
[71] SINCLAIR TELEVISION GROUP, INC., US
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[54] **LONG-CHAIN DIMETHYLANILINE DERIVATIVE COMPOUNDS, THEIR PREPARATION METHODS, SELF-ASSEMBLED TEXTURES, AND USES THEREOF**
[54] **COMPOSES DERIVES DE DIMETHYLANILINE A LONGUE CHAINE, LEURS METHODES DE PREPARATION, TEXTURES AUTO-ASSEMBLEES ET LEURS UTILISATIONS**
[72] TANG, LEI, CN
[72] LIU, JIN, CN
[72] ZHANG, WENSHENG, CN
[72] YANG, JUN, CN
[72] KE, BOWEN, CN
[72] YIN, QINQIN, CN
[71] WEST CHINA HOSPITAL, SICHUAN UNIVERSITY, CN
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[54] **DISPOSITIF D'AUGMENTATION DE REACTIVITE DOPPLER**
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[72] REED, MARK W., US
[72] HACKETT, MICAH J., US
[71] TERRAPOWER, LLC, US
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[54] **SURFACES COMPOSITES PROTECTRICES**
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[54] **PEPTIDE ANTIBIOTIQUE ET SON PROCEDE DE PREPARATION ET SON ADMINISTRATION**
[72] LI, YINGCHENG, CN
[72] GU, SONGYUAN, CN
[72] ZHANG, WEIDONG, CN
[72] BAO, XINNING, CN
[72] SHA, OU, CN
[72] SHEN, ZHIQIN, CN
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[71] SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY, SINOPEC, CN
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[71] COVIDIEN LP, US
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[54] **AN ANTI-CTLA4 MONOCLONAL ANTIBODY OR ANTIGEN BINDING FRAGMENT THEREOF, A PHARMACEUTICAL COMPOSITION AND USE**
[54] **ANTICORPS MONOCLONAL ANTI-CTLA4 OU FRAGMENT DE CELUI-CI SE LIANT A L'ANTIGENE, COMPOSITION MEDICINALE ET SON UTILISATION**
[72] LI, BAIYONG, CN
[72] XIA, YU, CN
[72] WANG, ZHONGMIN, CN
[72] ZHANG, PENG, CN
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[71] AKESO BIOPHARMA, INC., CN
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[54] **PAQUETS INSTRUMENTES POUR TESTER DES DISPOSITIFS DE STOCKAGE DE CHARGE**
[72] HUNTER, IAN W., US
[72] KRISTOFEK, GRANT W., US
[72] LJUBICIC, DEAN, US
[71] NUCLEUS SCIENTIFIC INC., US
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[54] **APPAREIL MODULAIRE POUR INSTALLATION DE MULTIPLES PROTHESES DENTAIRES**
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[54] **CARBOXYLIC ACID COMPOUND, METHOD FOR PREPARATION THEREOF, AND USE THEREOF**
[54] **COMPOSE D'ACIDE CARBOXYLIQUE, PROCEDE DE PREPARATION ET UTILISATION ASSOCIES**
[72] JIANG, YUEHENG, CN
[71] SHANGHAI SHALETECH TECHNOLOGY CO., LTD, CN
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[54] **COMPOUNDS AGAINST RALSTONIA PICKETTII FOR USE IN THE TREATMENT OF INSULIN RESISTANCE, AND METHOD OF DIAGNOSIS OF INSULIN RESISTANCE**
[54] **COMPOSES CONTRE RALSTONIA PICKETTII DESTINES A ETRE UTILISES DANS LE TRAITEMENT DE LA RESISTANCE A L'INSULINE ET PROCEDE DE DIAGNOSTIC DE LA RESISTANCE A L'INSULINE**
[72] NIEUWDORP, MAX, NL
[72] DE VOS, WILLEM MEINDERT, NL
[71] ACADEMISCH MEDISCH CENTRUM, NL
[71] WAGENINGEN UNIVERSITEIT, NL
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[54] **LIQUIDE NON-AQUEUX ET FORMULATIONS SEMI-SOLIDES DE CARBONATE DE CALCIUM AMORPHE**
[72] BLUM, YIGAL, US
[72] BEN, YOSEF, IL
[72] HERSHKOVITZ, SHARON, IL
[71] AMORPHICAL LTD., IL
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[54] **AGENT DE COLORATION CAPILLAIRE ET PROCEDE DE COLORATION DE CHEVEUX**
[72] SHIODA, MASATAKA, JP
[71] ICTB GLOBAL CO., LTD., JP
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[54] **NITRILE GROUP-CONTAINING COPOLYMER RUBBER, CROSS-LINKABLE RUBBER COMPOSITION, AND CROSS-LINKED RUBBER**
[54] **CAOUTCHOUC A BASE D'UN COPOLYMERE CONTENANT UN GROUPE NITRILE, COMPOSITION DE CAOUTCHOUC RETICULABLE, ET CAOUTCHOUC RETICULE**
[72] INOUE, SAYAKA, JP
[72] EMORI, NOBUYOSHI, JP
[71] ZEON CORPORATION, JP
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[54] **STRUCTURE DE JONCTION**
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] NISHIMURA, RYUICHI, JP
[72] YASUYAMA, MASANORI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **ELEMENT D'AUTOMOBILE**
[72] OTSUKA, KENICHIRO, JP
[72] NAKAZAWA, YOSHIAKI, JP
[72] NISHIMURA, RYUICHI, JP
[72] SAWA, YASUNORI, JP
[72] ONO, ATSUSHI, JP
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[54] **TRANSMISSION A ENGRENAGES MECANIQUE**
[72] CIPOLLA, LORENZO, IT
[72] ZAGATO, GIULIO, IT
[72] ZECCHI, STEFANO, IT
[71] GE AVIO S.R.L., IT
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[54] **PROPHY ANGLE DEVICE AND METHOD OF USE**
[54] **DISPOSITIF DE CONTRE-ANGLE A PROPHYLAXIE ET METHODE D'UTILISATION**
[72] WANG, DANIEL, US
[72] CHEN, DENGHUI, CN
[72] TAO, BO, US
[72] YUE, BO, CN
[72] ZHU, YONG, CN
[71] CROSSTEX INTERNATIONAL, INC., US
[71] PAC-DENT INTERNATIONAL, INC., US
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[54] **USING MAGNETISM TO SECURE THE DETACHABLE SPRAY-EXTENSION TUBE TO AN AEROSOL SPRAY CAN TO PREVENT MISPLACEMENT OR LOSS**
[54] **FIXATION PAR MAGNETISATION DU TUBE AMOVIBLE DE PROLONGEMENT DE PULVERISATION A UNE BOMBE A AEROSOL EMPECHANT UN PLACEMENT ERRONE OU UNE PERTE**
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[72] SATER, NEIL D., US
[71] MAGTUBE, LLC, US
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[72] GREEN, LOGAN, US
[72] YOO, FRANK TAEHYUN, US
[72] HAUMANN, MARC, US
[72] DRYJANSKI, DAVID, US
[72] POPOV, LEV, US
[71] LYFT, INC., US
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[54] **CALIBREUR DE CUSPIDE DE VALVULE**
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[71] JAPANESE ORGANIZATION FOR MEDICAL DEVICE DEVELOPMENT, INC., JP
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[54] **COMPOSITION IMMUNOGENE DE LHRH ET SON UTILISATION CHEZ LES PORCS**
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[72] PENG, WEN-JIUN, TW
[71] UNITED BIOMEDICAL, INC., US
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[71] INNOVATIVE MOLDING, US
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[54] **SYSTEM AND METHOD FOR SIGNIFYING INTENT FOR LOCK OPERATION**
[54] **SYSTEME ET PROCEDE PERMETTANT DE SIGNIFIER UNE INTENTION D'OPERATION DE VERROUILLAGE**
[72] RETTIG, RAYMOND F., US
[72] VICKREY, MICHELLE, US
[72] CAHILL, MICHAEL, US
[71] SCHLAGE LOCK COMPANY LLC, US
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[54] **DENTAL ROOT CANAL FILLING MATERIAL CARTRIDGE WITH BUILT-IN HEATING MECHANISM FOR SOFTENING THE MATERIAL**
[54] **CARTOUCHE DE MATERIAU DE REMPLISSAGE DE CANAL RADICULAIRE DENTAIRE AVEC MECANISME CHAUFFANT INTEGRE PERMETTANT DE RAMOLLIR LE MATERIAU**
[72] LI, NATHAN Y., US
[72] WU, DAQING, US
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[54] **INTERFACE UTILISATEUR EN LANGAGE NATUREL**
[72] RETTIG, RAYMOND F., US
[72] VICKREY, MICHELLE, US
[71] SCHLAGE LOCK COMPANY LLC, US
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[54] **CARTOUCHE POUR MAINTENIR UN GAINAGE D'UNE ARMATURE DE PRECONTRAINTE A L'INTERIEUR D'UN ENSEMBLE ANCRE**
[72] SORKIN, FELIX L., US
[71] SORKIN, FELIX L., US
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[72] ZIMRING, JAMES CHARLES, US
[71] BLOODWORKS, US
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[72] GRATZER, LOUIS B., US
[71] AVIATION PARTNERS, INC., US
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[54] **SERINGUE A PARTITION DE DOSES**
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[72] CROLL, PERRY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
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[54] **DATA LINEAGE SUMMARIZATION**
[54] **RESUME DE LIGNEE DE DONNEES**
[72] RADIVOJEVIC, DUSAN, US
[72] YERACARIS, ANTHONY M., US
[72] GOULD, JOEL, US
[72] SCHON, ANDREW, US
[71] AB INITIO TECHNOLOGY LLC, US
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[71] THOMSON REUTERS GLOBAL RESOURCES, CH
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[30] US (62/029,042) 2014-07-25
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[25] EN
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[54] **ARTICLES A MOTIFS, ET PROCEDES DE REVETEMENT DE SUBSTRATS A L'AIDE D'UNE COUCHE A MOTIFS**
[72] KESTER, NORMAN L., US
[71] QUANTUM INNOVATIONS, INC., US
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[30] US (62/028,035) 2014-07-23
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[54] **SYSTEMES ET PROCEDES POUR CREER ET MAINTENIR DES TOURNOIS D'ARGENT REELS POUR DES JEUX VIDEO**
[72] PIERE, MATTHEW D., US
[72] HUGHES, BRAIN V., US
[72] GRACE, BRANDII RHIANNHON SOTELO, US
[72] SEBELIUS, SCOTT, US
[71] VERSUS GAMING NETWORK, US
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[54] **RENDU OPTIMISE DE DOCUMENTS PARTAGES SUR DES DISPOSITIFS CLIENT AVEC REPRESENTATIONS DE TRAMES DE DOCUMENT**
[72] ROTHBERG, JONATHAN SCOTT, US
[72] WEAVER, RYAN SCOTT, US
[72] KAZIMIROFF, ROBERT PAVIL, US
[72] BRAMER, TRENT MICHAEL, US
[71] BLUEBEAM SOFTWARE, INC., US
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[54] **IMPLANT MEDICAL AMELIORE**
[72] ADAMS, ROBERT W., US
[71] ADAMS, ROBERT W., US
[85] 2017-01-23
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[54] **SPACECRAFT DOCKING CONNECTOR**
[54] **CONNECTEUR D'AMARRAGE D'ENGIN SPATIAL**
[72] JAEGER, TALBOT, US
[71] NOVAWURKS, INC., US
[85] 2017-01-23
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[54] **INTRAVENOUS POLE INTEGRATED POWER, CONTROL, AND COMMUNICATION SYSTEM AND METHOD FOR AN INFUSION PUMP**
[54] **SYSTEME D'ALIMENTATION, DE COMMANDE ET DE COMMUNICATION INTEGRE DE POTENCE POUR INTRAVEINEUSE ET PROCEDE POUR UNE POMPE DE PERFUSION**
[72] CHEN, HOWARD Z., US
[71] HOSPIRA, INC., US
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[86] 2015-08-18 (PCT/US2015/045663)
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[54] **WIRELESS MONITORING SYSTEM**
[54] **SYSTEME DE SURVEILLANCE SANS FIL**
[72] WHITE, MICHAEL, AU
[72] RAO, KARTHEEK MUNIGOTI SHANKAR, AU
[71] COLD CHAIN PARTNERS PTY LTD, AU
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[54] **PROCEDE ET SYSTEME DE GESTION D'IMAGES NUMERIQUES**
[72] CASLER, DANIEL R., CA
[71] VERIFIED NETWORK INC., CA
[85] 2017-01-24
[86] 2014-07-25 (PCT/CA2014/000594)
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[25] EN
[54] **SYSTEM AND METHOD FOR TRANSMIT POWER CONTROL WITH SECONDARY UPLINK PILOT CHANNEL**
[54] **SYSTEME ET PROCEDE DE REGULATION DE LA PUISSANCE DE TRANSMISSION AU MOYEN D'UN CANAL PILOTE DE LIAISON MONTANTE SECONDAIRE**
[72] COZZO, CARMELA, US
[72] ZHANG, PENG, CN
[72] TIE, XIAOLEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-01-24
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[25] EN
[54] **METHOD AND DEVICE FOR DETERMINING FRACTION OF CELL-FREE NUCLEIC ACIDS IN BIOLOGICAL SAMPLE AND USE THEROF**
[54] **METHODE ET DISPOSITIF DE DETERMINATION DE LA FRACTION D'ACIDES NUCLEIQUES SANS CELLULE DANS UN PRELEVEMENT BIOLOGIQUE ET UTILISATION ASSOCIEE**
[72] JIANG, FUMAN, CN
[72] YUAN, YUYING, CN
[72] WANG, WEI, CN
[72] YIN, YE, CN
[71] BGI GENOMICS CO., LTD., CN
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[54] **DISPOSITIF DE TRANSMISSION PAR ACCOUPLEMENT A AIMANT PERMANENT DE TYPE ENROULEMENT**
[72] XU, JUNFENG, CN
[72] QI, FUXING, CN
[71] JIANGSU MAGNET VALLEY TECHNOLOGIES CO., LTD., CN
[85] 2017-01-24
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[54] **REPROGRAMMATION AMELIOREE DE CELLULES IPS**
[72] ELLING, ULRICH, AT
[72] HOPFGARTNER, BARBARA, DE
[72] PENNINGER, JOSEF, AT
[72] ZUBER, JOHANNES, DE
[71] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[71] IMBA - INSTITUT FUR MOLEKULARE BIOTECHNOLOGIE GMBH, AT
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[54] **PLATE-FORME DE VOL MULTIFONCTIONNELLE**
[72] CHEN, BO, CN
[71] ZHUHAI YUREN AGRICULTURAL AVIATION CO., LTD., CN
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[54] **METHOD AND APPARATUS FOR FIXATION MEASUREMENT**
[54] **PROCEDE ET APPAREIL DE MESURE DE FIXATION**
[72] WINSOR, ROBERT SCOTT, US
[71] REBISCAN, INC., US
[85] 2017-01-23
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[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] KANEKO, YOUHEI, JP
[72] TAKEMOTO, SHINICHIROU, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-01-24
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[54] MEDICAL DEVICE AND METHOD FOR PRODUCING A MEDICAL DEVICE
[54] DISPOSITIF MEDICAL ET PROCEDE DE PRODUCTION D'UN DISPOSITIF MEDICAL
[72] DECK, FRANK, DE
[71] F. HOFFMANN-LA ROCHE AG, CH
[85] 2017-01-24
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[54] DISPOSITIF DE COMMANDE DE PILE A COMBUSTIBLE
[72] KANEKO, YOUHEI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-01-24
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[25] EN
[54] FUEL CELL SYSTEM AND CONTROL METHOD FOR FUEL CELL SYSTEM
[54] SYSTEME DE PILE A COMBUSTIBLE ET SON PROCEDE DE COMMANDE
[72] HOSHI, KIYOSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-01-24
[86] 2015-06-16 (PCT/JP2015/067336)
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[54] DISPOSITIF DE REFROIDISSEMENT DE FIBRE OPTIQUE ET OSCILLATEUR LASER
[72] MURAKAMI, MASANAO, JP
[72] SCHAEFER, CHRISTIAN, JP
[71] MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD., JP
[85] 2017-01-24
[86] 2015-07-15 (PCT/JP2015/070291)
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[54] BIDIRECTIONAL KNIFE GATE VALVE WITH A PERIMETER SEAT
[54] ROBINET-VANNE A GUILLOTINE BIDIRECTIONNEL DOTE D'UN SIEGE PERIPHERIQUE
[72] WATTERODT, SIDNEY, CA
[72] BLENKUSH, ROBERT A., US
[71] DEZURIK, INC., US
[85] 2017-01-23
[86] 2015-09-17 (PCT/US2015/050743)
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[25] EN
[54] KOC1-DERIVED PEPTIDE AND VACCINE INCLUDING SAME
[54] PEPTIDE DERIVE DE KOC1 ET VACCIN LE COMPRENANT
[72] TSUNODA, TAKUYA, JP
[72] OSAWA, RYUJI, JP
[72] YAMASHITA, SACHIKO, JP
[72] WATANABE, TOMOHISA, JP
[72] HIKICHI, TETSURO, JP
[71] ONCOTHERAPY SCIENCE, INC., JP
[85] 2017-01-24
[86] 2015-07-31 (PCT/JP2015/071829)
[87] (WO2016/021506)
[30] JP (2014-158919) 2014-08-04
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[25] EN
[54] METHOD FOR PRODUCING ADENOHYPOPHYSIS OR PRECURSOR TISSUE THEREOF
[54] PROCEDE DE PRODUCTION D'UN TISSU D'ADENOHYPOPHYSE OU PRECURSEUR DE CETTE DERNIERE
[72] SUGA, HIDETAKA, JP
[72] OZONE, CHIKAFUMI, JP
[71] RIKEN, JP
[71] SUMITOMO CHEMICAL COMPANY, LIMITED, JP
[85] 2017-01-24
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[25] EN
[54] **CDCA1-DERIVED PEPTIDE AND VACCINE CONTAINING SAME**
[54] **PEPTIDE DERIVE DE CDCA1 ET VACCIN LE CONTENANT**
[72] TSUNODA, TAKUYA, JP
[72] OSAWA, RYUJI, JP
[72] YAMASHITA, SACHIKO, JP
[72] WATANABE, TOMOHISA, JP
[71] ONCOTHERAPY SCIENCE, INC., JP
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[25] EN
[54] **LOW WATER CONTENT PLASTIC COMPOSITION COMPRISING HYDRAULIC CEMENT AND METHOD FOR MANUFACTURING SAME**
[54] **COMPOSITION EN MATIERE PLASTIQUE A FAIBLE TENEUR EN EAU COMPORTANT DU CIMENT HYDRAULIQUE ET SON PROCEDE DE FABRICATION**
[72] YU, JI-SU, KR
[71] IDIN CO., LTD., KR
[85] 2017-01-24
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[87] (WO2016/013823)
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[25] EN
[54] **PROCESS FOR CARBON DIOXIDE RECOVERY FROM A GAS STREAM CONTAINING CARBON DIOXIDE AND HYDROCARBONS**
[54] **PROCEDE DE RECUPERATION DE DIOXYDE DE CARBONE A PARTIR D'UN FLUX GAZEUX CONTENANT DU DIOXYDE DE CARBONE ET DES HYDROCARBURES**
[72] MATTEUCCI, SCOTT T., US
[72] BADHWAR, AJAY N., US
[72] GOLTZ, H. ROBERT, US
[72] LEISTER, JONATHAN W., US
[72] SHURGOTT, NICHOLAS J., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **TRANSMITTING DEVICE, TRANSMITTING METHOD, RECEIVING DEVICE, AND RECEIVING METHOD**
[54] **DISPOSITIF DE TRANSMISSION, PROCEDE DE TRANSMISSION, DISPOSITIF DE RECEPTION ET PROCEDE DE RECEPTION**
[72] TSUKAGOSHI, IKUO, JP
[72] CHINEN, TORU, JP
[71] SONY CORPORATION, JP
[85] 2017-01-24
[86] 2016-06-13 (PCT/JP2016/067596)
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[25] EN
[54] **SELECTIN AND ICAM/VCAM PEPTIDE LIGAND CONJUGATES**
[54] **CONJUGUES DE LIGANDS PEPTIDIQUES SE LIANT A ICAM/VCAM ET A LA SELECTINE**
[72] PANITCH, ALYSSA, US
[72] SCOTT, REBECCA, US
[72] PARK, KINAM, US
[72] WODICKA, JAMES, US
[71] PURDUE RESEARCH FOUNDATION, US
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[25] EN
[54] **DIRECTIONAL DRILLER QUALITY REPORTING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PRODUCTION DE RAPPORTS DE QUALITE DE FOREUSE DE FORAGE DIRIGE**
[72] MOORE, JAMES WILSON, US
[72] HOLTZ, STEPHEN ROBERT, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-01-24
[86] 2014-08-29 (PCT/US2014/053543)
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[25] EN
[54] **MATTRESS ASSEMBLY INCLUDING MATTRESS OVERLAY AND MULTIPLE COVERS**
[54] **ENSEMBLE DE MATELAS COMPRENANT UN SURMATELAS ET DE MULTIPLES COUVRE-MATELAS**
[72] JENSEN, IDA T., DK
[72] OBERWELZ, ELGER, US
[72] OVERTHUN, THOMAS D.C., US
[72] SCHNITZER, MARTIN, US
[72] JOHNSON, KARA W., US
[72] PFISTER, BRENT P., US
[72] DIAS DE MELLO SA, ISABELA, US
[72] BRISEBRAS, THOMAS, US
[72] LOPEZ, ERIC, US
[71] TEMPUR-PEDIC MANAGEMENT, LLC, US
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[30] US (62/029,871) 2014-07-28

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[51] **Int.Cl. A61K 9/00 (2006.01)**
[25] EN
[54] **METHOD AND COMPOSITION FOR TARGETED DELIVERY OF THERAPEUTIC AGENTS**
[54] **PROCEDES ET COMPOSITIONS POUR L'ADMINISTRATION CIBLEE D'AGENTS THERAPEUTIQUES**
[72] MCDEVITT, MICHAEL R., US
[72] ALIDORI, SIMONE, US
[72] AKHAVEIN, NIMA, US
[72] SCHEINBERG, DAVID A., US
[71] MEMORIAL SLOAN KETTERING CANCER CENTER, US
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[25] EN
[54] **MEDICAMENT PRESCRIPTION AND DISPENSING MANAGEMENT SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE PRESCRIPTION DE MEDICAMENTS ET DE GESTION DE DISTRIBUTION**
[72] DURST, LEE, US
[72] MANN, HOWARD, CA
[72] MACARTNEY, RICK, CA
[71] DURST, LEE, US
[71] DC NETCAST MEDIA GROUP, INC., CA
[71] MANN, HOWARD, CA
[71] MACARTNEY, RICK, CA
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[30] US (14/030,925) 2013-09-18

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[51] **Int.Cl. G06Q 10/08 (2012.01) G06Q 50/28 (2012.01)**
[25] EN
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[54] **SYSTEME D'ABONNEMENT AUTOMATIQUE ET AUTOGERE POUR LE COMMERCE**
[72] DONG, YUE, CA
[71] DONG, YUE, CA
[85] 2017-01-24
[86] 2015-07-24 (PCT/CA2015/050701)
[87] (WO2016/015145)
[30] US (62/029,440) 2014-07-26
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[25] EN
[54] **METHODS AND COMPOSITIONS RELATED TO ANTIBODY FRAGMENTS THAT BIND TO TUMOR-ASSOCIATED GLYCOPROTEIN 72 (TAG-72)**
[54] **METHODES ET COMPOSITIONS ASSOCIEES A DES FRAGMENTS D'ANTICORPS QUI SE LIENT A LA GLYCOPROTEINE 72 ASSOCIEE AUX TUMEURS (TAG 72)**
[72] MAGLIERY, THOMAS J., US
[72] SULLIVAN, BRANDON J., US
[72] LONG, NICHOLAS E., US
[71] OHIO STATE INNOVATION FOUNDATION, US
[85] 2017-01-23
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[54] **SURVEILLANCE D'AUTONETTOYAGE DE MELANGE DE BETON**
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[72] HAZRATI, KATI, US
[72] TREGGER, NATHAN A., US
[72] KOEHLER, ERIC P., US
[72] HOANG, TUAN, US
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[54] **SYSTEME ET PROCEDES D'ANCRAGE**
[72] WASLEY, JASON, AU
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[54] **ORIENTATION DE MODELISATION DE PROPRIETES DE RESERVOIR AU MOYEN D'UNE PLAGE D'INCERTITUDE FONDEE SUR DES DONNEES**
[72] STREBELLE, SEBASTIEN, US
[72] PYRCZ, MICHAEL, US
[72] AINLEY, CHRIS, US
[72] THORNE, JULIAN, US
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[54] **CONTROLEUR ET PROCEDE DE COMMANDE POUR CONTACTEUR A COURANT ALTERNATIF**
[72] YU, FEI, CN
[72] GU, CHANGXUN, CN
[72] GE, SHUNFENG, CN
[72] ZHANG, DI, CN
[72] FENG, YUGANG, CN
[72] SHI, YAWEN, CN
[72] ZENG, PING, CN
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[71] SEARI ELECTRIC TECHNOLOGY CO., LTD., CN
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[54] **INSTRUMENT DE MESURE POUR ESSAYER DES DISPOSITIFS DE STOCKAGE DE CHARGE**
[72] HUNTER, IAN W., US
[72] KRISTOFEK, GRANT W., US
[72] LJUBICIC, DEAN, US
[71] NUCLEUS SCIENTIFIC, INC., US
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[72] SANCHEZ, JESUS A., US
[71] BRANDEIS UNIVERSITY, US
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[54] **STIMULATION PULSEE POUR TRAITER L'□IL SEC**
[72] FRANKE, MANFRED, US
[72] LOUDIN, JAMES DONALD, US
[71] OCULEVE, INC., US
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[54] **SEDIMENT TRANSPORT SIMULATION WITH PARAMETERIZED TEMPLATES FOR DEPTH PROFILING**
[54] **SIMULATION DE TRANSPORT DE SEDIMENT AYANT DES MODELES PARAMETRES POUR UN PROFILAGE DE PROFONDEUR**
[72] SUN, TAO, US
[72] SULLIVAN, MORGAN, US
[72] PYRCZ, MICHAEL JAMES, US
[72] PERLMUTTER, MARTIN, US
[72] COVAULT, JACOB, US
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[54] **BACILLUS AMYLOLIQUEFACIENS PROBIOTIC COMPOSITIONS, METHODS OF PRODUCTION, AND METHODS OF USE**
[54] **COMPOSITIONS PROBIOTIQUES DE BACILLUS AMYLOLIQUEFACIENS, PROCEDES DE PRODUCTION, ET METHODES D'UTILISATION**
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[71] THE UNIVERSITY OF QUEENSLAND, AU
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[54] **SYSTEME DE PRESSE-DOTE D'UNE PLAQUE DE PRESSE-PUREE A FENTES ERT PROCEDE**
[72] WALKER, DAVID BRUCE, US
[72] HAMANN, MIKE, US
[72] ENGLAR, JAMES, US
[71] J.R. SIMPLOT COMPANY, US
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[54] **PROCEDES POUR TRAITER LE SYSTEME DE PLOMBERIE DE LOCAUX**
[72] ROSENBLATT, AARON, US
[72] GORDON, GILBERT, US
[71] GORDON & ROSENBLATT, LLC, US
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[54] **VANNE PULSATRICE DE FLUIDE**
[72] MEIER, GILBERT TROY, US
[72] ASCHENBRENNER, JOSEPH, US
[72] SMITH, JOSHUA J., US
[72] OSTERLOH, JAMES D., US
[72] DICK, CAMERON, US
[71] EXTREME TECHNOLOGIES, LLC, US
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[54] **DEVICES AND SYSTEMS FOR EXTRACTING DRILLING EQUIPMENT THROUGH A DRILLSTRING**
[54] **DISPOSITIFS ET SYSTEMES PERMETTANT D'EXTRAIRE UN EQUIPEMENT DE FORAGE PAR UN TRAIN DE TIGES DE FORAGE**
[72] MEIER, GILBERT TROY, US
[72] ASCHENBRENNER, JOSEPH, US
[72] SMITH, JOSHUA J., US
[72] OSTERLOH, JAMES D., US
[72] DICK, CAMERON, US
[71] EXTREME TECHNOLOGIES, LLC, US
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[54] **DISPOSITIF D'OUVERTURE DE NOIX DE COCO**
[72] QUINTERO, PABLO, CA
[72] YUNG, DAVIS, CA
[72] KWAN, ASHLEY, CA
[71] FRESH DIRECT PRODUCE LTD., CA
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[25] FR
[54] **USE OF STEROL DERIVATIVES FOR THE TREATMENT OF SENSORINEURAL HEARING LOSS AND CORRESPONDING COMPOUND**
[54] **UTILISATION DE DERIVES DE STEROLS POUR LE TRAITEMENT DE LA PERTE AUDITIVE NEUROSENSORIELLE ET COMPOSITION CORRESPONDANTE**
[72] DE MEDINA, PHILIPPE, FR
[72] PAILLASSE, MICHAEL, FR
[72] ULFENDAHL, MATS, SE
[71] AFFICHEM, FR
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[54] **ACIDES SOLIDES POUR ACIDIFIER DES FORMATIONS SOUTERRAINES**
[72] BEUTERBAUGH, AARON MICHAEL, US
[72] REYES, ENRIQUE ANTONIO, US
[72] SMITH, ALYSSA LYNN, US
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[25] EN
[54] **GENETICALLY ENGINEERED BACTERIUM WITH ALTERED CARBON MONOXIDE DEHYDROGENASE (CODH) ACTIVITY**
[54] **BACTERIE GENETIQUEMENT MODIFIEE DOTEE D'UNE ACTIVITE DE DESHYDROGENASE DU MONOXYDE DE CARBONE (CODH) MODIFIEE**
[72] KOEPKE, MICHAEL, US
[72] LIEW, FUNGMIN, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
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[54] **AGRONOMIC SYSTEMS, METHODS AND APPARATUSES**
[54] **SYSTEME AGRONOMIQUE, PROCEDES ET APPAREILS**
[72] STARR, DARYL B., US
[71] 360 YIELD CENTER, LLC, US
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[86] 2015-06-24 (PCT/US2015/037435)
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[54] **METHODS OF DETERMINING TISSUES AND/OR CELL TYPES GIVING RISE TO CELL-FREE DNA, AND METHODS OF IDENTIFYING A DISEASE OR DISORDER USING SAME**
[54] **PROCEDES DE DETERMINATION DE TYPES DE TISSUS ET/OU DE CELLULES PERMETTANT D'OBTENIR DE L'ADN SANS CELLULES, ET PROCEDES D'IDENTIFICATION D'UNE MALADIE OU D'UN TROUBLE LES EMPLOYANT**
[72] SHENDURE, JAY, US
[72] SNYDER, MATTHEW, US
[72] KIRCHER, MARTIN, US
[71] UNIVERSITY OF WASHINGTON, US
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[25] EN
[54] **AIRWAY ADAPTERS AND SUCTION CATHETER SYSTEMS**
[54] **ADAPTATEURS DES VOIES RESPIRATOIRES ET SYSTEMES DE CATHETER D'ASPIRATION**
[72] WHITE, DENNIS, US
[72] JUNG, SIMON, US
[72] FU, HAOJUN, US
[72] BEUCHAT, CHARLES EDWARD, US
[72] VARGA, CHRISTOPHER, US
[72] ULLA, SIBGAT, US
[72] LU, MING, US
[71] VYAIRE MEDICAL CONSUMABLES LLC, US
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[54] **NANOPARTICULES DE CHALCOGENE METALLIQUE (METALLOIDE) EN TANT QUE LIANTS UNIVERSELS D'ISOTOPES MEDICAUX**
[72] WALL, MATTHEW A., US
[72] SHAFFER, TRAVIS, US
[72] HARMSEN, STEFAN, US
[72] GRIMM, JAN, US
[72] KIRCHER, MORITZ F., US
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[54] **MONTURE D'OBJECTIF COMPACTE**
[72] JANNARD, JAMES H., US
[72] LAND, PETER JARRED, US
[72] PIZZO, STEPHEN G., US
[72] ORTEGA, HECTOR, US
[71] HOUDINIX LLC, US
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[25] EN
[54] **WATER-ABSORBING (METH) ACRYLIC RESIN WITH OPTICAL EFFECTS, AND RELATED COMPOSITIONS**
[54] **RESINE (METH)ACRYLIQUE ABSORBANT L'EAU AVEC EFFETS OPTIQUES ET COMPOSITIONS ASSOCIEES**
[72] MOHAMMADI, FATEMEH, US
[72] QU, LISA, US
[72] AKABANE, EMI, JP
[71] ELC MANAGEMENT LLC, US
[71] SHIN-ETSU CHEMICAL CO., LTD., JP
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[30] US (14/450,557) 2014-08-04

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[51] **Int.Cl. C12N 9/22 (2006.01) C07K 14/195 (2006.01) C07K 14/315 (2006.01)**
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[54] **CAS9 PROTEINS INCLUDING LIGAND-DEPENDENT INTEINS**
[54] **PROTEINES CAS9 COMPRENANT DES INTEINES DEPENDANT DE LIGANDS**
[72] LIU, DAVID R., US
[72] DAVIS, KEVIN, US
[71] PRESIDENT AND FELLOWS OF HARVARD COLLEGE, US
[85] 2017-01-24
[86] 2015-07-30 (PCT/US2015/042770)
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[30] US (62/030,943) 2014-07-30
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[54] **APPAREIL AGRICOLE ANNEXE A AUTO-REMPLISSAGE**
[72] BOSTON, LUKE, US
[71] PAR-KAN COMPANY, US
[85] 2017-01-24
[86] 2015-07-30 (PCT/US2015/042896)
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[54] **ESTIMATION OF WATER INTERFERENCE FOR SPECTRAL CORRECTION**
[54] **ESTIMATION D'INTERFERENCE D'EAU POUR CORRECTION SPECTRALE**
[72] JUDGE, KEVIN, US
[72] ANDERSSON, GREGER, US
[72] ZOU, PENG, US
[71] SMITHS DETECTION INC., US
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[51] **Int.Cl. A23J 1/14 (2006.01) A23J 3/14 (2006.01) A23J 3/16 (2006.01)**
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[54] **PREPARATION OF PULSE PROTEIN PRODUCTS ("YP810")**
[54] **PREPARATION DE PRODUITS DE PROTEINES DE LEGUMINEUSES ("YP810")**
[72] SEGALL, KEVIN I., CA
[72] GREEN, BRENT E., CA
[72] SCHWEIZER, MARTIN, CA
[71] BURCON NUTRASCIENCE (MB) CORP., CA
[85] 2017-01-25
[86] 2015-07-28 (PCT/CA2015/050712)
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[30] US (62/029,686) 2014-07-28

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[25] EN
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[54] **UNITE DE CONDITIONNEMENT D'AIR INTERIEUR**
[72] LIU, XING, CN
[72] BAI, XIAOFENG, CN
[72] ZHANG, XINZHOU, CN
[72] LI, DACHENG, CN
[71] MIDEA GROUP CO., LTD., CN
[71] GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD., CN
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[54] **DOWNHOLE TOOL, METHOD AND ASSEMBLY**
[54] **OUTIL DE FOND DE TROU, PROCEDE ET ENSEMBLE**
[72] SCOTT, EDWARD DOCHERTY, GB
[71] DEEP CASING TOOLS LIMITED, GB
[85] 2017-01-25
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[30] GB (1413693.1) 2014-08-01

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[25] EN
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[54] **SYSTEME DE COMMUNICATION POUR UNE PRESENTATION DYNAMIQUE DE MARCHANDISES**
[72] HOWARD, KEVIN, US
[72] DAVIDSON, GORDON, US
[71] CLOVERLEAF MEDIA LLC, US
[85] 2017-01-24
[86] 2015-07-31 (PCT/US2015/043316)
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[30] US (62/031,258) 2014-07-31
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[25] EN
[54] **PROCESS AND ROTARY MACHINE TYPE REACTOR**
[54] **PROCEDE ET REACTEUR DE TYPE MACHINE ROTATIVE**
[72] SEPPALA, JUKKA, FI
[72] HILTUNEN, JYRKI, FI
[72] PUROLA, VELI-MATTI, FI
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[85] 2017-01-25
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[51] **Int.Cl. A61K 39/00 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS RELATING TO TREATMENT OF PULMONARY ARTERIAL HYPERTENSION**
[54] **METHODES ET COMPOSITIONS RELATIVES AU TRAITEMENT DE L'HYPERTENSION ARTERIELLE PULMONAIRE**
[72] YUNG, LAI-MING, US
[72] YU, PAUL B., US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
[85] 2017-01-24
[86] 2015-08-03 (PCT/US2015/043373)
[87] (WO2016/019368)
[30] US (62/031,924) 2014-08-01

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[51] **Int.Cl. G06Q 50/26 (2012.01)**
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[54] **SAVINGS PARTICIPATION RIGHT UNITS WITH INVESTOR DIVERSIFICATION**
[54] **UNITES DE DROIT DE PARTICIPATION A DES ECONOMIES AVEC DIVERSIFICATION DES INVESTISSEURS**
[72] LEVENSTEIN, LAWRENCE M., US
[71] CH&I TECHNOLOGIES, INC., US
[85] 2017-01-24
[86] 2015-08-03 (PCT/US2015/043489)
[87] (WO2016/022498)
[30] US (62/032,748) 2014-08-04

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[51] **Int.Cl. C22B 23/02 (2006.01) C22B 1/245 (2006.01) C22B 5/10 (2006.01) C22C 33/04 (2006.01)**
[25] EN
[54] **METHOD FOR SMELTING NICKEL OXIDE ORE**
[54] **PROCEDE DE FUSION DE MINERAI D'OXYDE DE NICKEL**
[72] TAKAHASHI, JUNICHI, JP
[72] INOUE, TAKU, JP
[72] OKADA, SHUUJI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-01-25
[86] 2015-06-30 (PCT/JP2015/068855)
[87] (WO2016/017347)
[30] JP (2014-157576) 2014-08-01

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[51] **Int.Cl. C07D 471/04 (2006.01) C07D 213/73 (2006.01) C07D 401/14 (2006.01) C07D 403/04 (2006.01)**
[25] EN
[54] **PYRAZOLE DERIVATIVE MANUFACTURING METHOD**
[54] **PROCEDE DE FABRICATION D'UN DERIVE DE PYRAZOLE**
[72] SATOH, TSUTOMU, JP
[72] KUDOH, TAKASHI, JP
[72] IWAMA, TETSUO, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2017-01-25
[86] 2015-07-29 (PCT/JP2015/071536)
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[30] JP (2014-155538) 2014-07-30
[30] JP (2014-189458) 2014-09-17

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[25] EN
[54] **URLC10-DERIVED PEPTIDE AND VACCINE CONTAINING SAME**
[54] **PEPTIDE DERIVE D'URLC10 ET VACCIN LE CONTENANT**
[72] TSUNODA, TAKUYA, JP
[72] OSAWA, RYUJI, JP
[72] YAMASHITA, SACHIKO, JP
[72] WATANABE, TOMOHISA, JP
[72] HIKICHI, TETSURO, JP
[71] ONCOTHERAPY SCIENCE, INC., JP
[85] 2017-01-25
[86] 2015-07-31 (PCT/JP2015/071839)
[87] (WO2016/021510)
[30] JP (2014-158925) 2014-08-04

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[51] **Int.Cl. B62D 47/02 (2006.01) B60K 1/04 (2006.01)**
[25] EN
[54] **BUS**
[54] **AUTOBUS**
[72] NIU, YUECONG, CN
[72] PENG, WANG, CN
[72] WU, YICHAO, CN
[72] YU, PENG, CN
[71] BYD COMPANY LIMITED, CN
[85] 2016-12-22
[86] 2015-08-24 (PCT/CN2015/087933)
[87] (WO2016/050125)
[30] CN (201410524061.8) 2014-09-30

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[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/427 (2006.01) A61K 31/506 (2006.01) A61P 25/18 (2006.01) A61P 25/24 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **PYRAZOLE DERIVATIVE MANUFACTURING METHOD**
[54] **PROCEDE DE FABRICATION D'UN DERIVE DE PYRAZOLE**
[72] SATOH, TSUTOMU, JP
[72] KUDOH, TAKASHI, JP
[72] IWAMA, TETSUO, JP
[71] MOCHIDA PHARMACEUTICAL CO., LTD., JP
[85] 2017-01-25
[86] 2015-07-29 (PCT/JP2015/071560)
[87] (WO2016/017719)
[30] JP (2014-155539) 2014-07-30
[30] JP (2014-189460) 2014-09-17

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[51] **Int.Cl. C07D 401/14 (2006.01) A61K 31/4545 (2006.01) A61P 35/00 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **SALT OF MONOCYCLIC PYRIDINE DERIVATIVE AND CRYSTAL THEREOF**
[54] **SEL DE DERIVE DE PYRIDINE MONOCYCLIQUE ET SON CRISTAL**
[72] OZAKI, SHUNSUKE, JP
[72] YOSHIDA, KENSHI, JP
[71] EISAI R&D MANAGEMENT CO., LTD., JP
[85] 2017-01-25
[86] 2015-08-17 (PCT/JP2015/073047)
[87] (WO2016/027781)
[30] JP (2014-166118) 2014-08-18

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[51] **Int.Cl. A61F 9/007 (2006.01) A61M 5/19 (2006.01) A61M 5/28 (2006.01)**
[25] EN
[54] **DEVICE, DELIVERY SYSTEM, AND METHOD FOR OCULAR THERAPY**
[54] **DISPOSITIF, SYSTEME D'ADMINISTRATION, ET PROCEDE POUR THERAPIE OCULAIRE**
[72] GOOI, PATRICK, CA
[72] WARRIAN, KEVIN, CA
[71] GOOI, PATRICK, CA
[71] WARRIAN, KEVIN, CA
[85] 2017-01-25
[86] 2015-08-11 (PCT/CA2015/050755)
[87] (WO2016/023116)
[30] US (62/036,414) 2014-08-12

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[13] A1
[51] **Int.Cl. C12N 5/074 (2010.01) A61K 35/12 (2015.01) C12N 5/02 (2006.01)**
[25] EN
[54] **METHOD FOR PREPARING INDUCED PLURIPOTENT STEM CELL LINE FROM MESENCHYMAL STEM CELLS, AND CELL LINE OBTAINED THEREBY**
[54] **PROCEDE DE PREPARATION D'UNE LIGNEE DE CELLULES SOUCHES PLURIPOTENTES INDUITES A PARTIR DE CELLULES SOUCHES MESENCHYMATEUSES ET LIGNEE CELLULAIRE AINSI OBTENUE**
[72] LEE, SANG YEON, KR
[72] JUNG, WON JU, KR
[72] KIM, HO BIN, KR
[72] OH, MIN SUN, KR
[72] LEE, KYE HO, KR
[71] BBHC CO., LTD., KR
[85] 2017-01-25
[86] 2014-08-05 (PCT/KR2014/007207)
[87] (WO2016/013710)
[30] KR (10-2014-0094601) 2014-07-25

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[51] **Int.Cl. C08F 230/02 (2006.01) C08F 220/10 (2006.01) C09D 133/04 (2006.01) C09D 143/02 (2006.01)**
[25] EN
[54] **VINYL ACETATE BINDERS IN ABOVE-CRITICAL PIGMENT VOLUME CONCENTRATION COATINGS COMPOSITION**
[54] **LIANTS D'ACETATE DE VINYLE DANS UNE COMPOSITION DE REVETEMENT A CONCENTRATION VOLUMIQUE EN PIGMENT SUR-CRITIQUE**
[72] BOHLING, JAMES C., US
[72] CHEN, JUNYU, CN
[72] NUNGESSER, EDWIN, US
[72] QIAN, ZHEN, CN
[72] WANG, TAO, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
[71] ROHM AND HAAS COMPANY, US
[85] 2017-01-25
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[13] A1
[51] **Int.Cl. A21C 15/04 (2006.01) B26D 3/24 (2006.01)**
[25] EN
[54] **DEVICE FOR CUTTING SLICES OF A FOOD PRODUCT**
[54] **DISPOSITIF POUR COUPER DES TRANCHES D'UN PRODUIT ALIMENTAIRE**
[72] AVILA MACIAS, MIGUEL ANGEL, MX
[71] AVILA MACIAS, MIGUEL ANGEL, MX
[85] 2017-01-25
[86] 2014-09-08 (PCT/MX2014/000138)
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[30] MX (MX/a/2014/009109) 2014-07-25

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[51] **Int.Cl. C09D 131/04 (2006.01) C09D 143/02 (2006.01)**
[25] EN
[54] **VINYL ACETATE BINDERS IN AN ABOVE-CRITICAL PVC COATINGS COMPOSITION**
[54] **LIANTS DE TYPE ACETATE DE VINYLE DANS UNE COMPOSITION DE REVETEMENT PVC SUPERCRITIQUE**
[72] BOHLING, JAMES C., US
[72] CHEN, JUNYU, CN
[72] NUNGESSER, EDWIN, US
[72] QIAN, ZHEN, CN
[72] WANG, TAO, CN
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[13] A1
[51] **Int.Cl. G05F 1/46 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING DIRECT CURRENT LOAD POWER SUPPLY**
[54] **DISPOSITIF DE PRODUCTION DE COURANT CONTINU POUR L'ALIMENTATION D'UNE CHARGE**
[72] ROMANOV, YURIY IGOREVICH, RU
[72] MALETSKIY, STANISLAV VLADIMIROVICH, RU
[71] CLOSED-UP JOINT-STOCK COMPANY DRIVE, RU
[85] 2017-01-25
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[51] **Int.Cl. C12M 1/33 (2006.01)**
[25] EN
[54] **ULTRAHIGH-PRESSURE HOMOGENIZING INTEGRATED DEVICE AND CELL DISRUPTOR**
[54] **DISPOSITIF INTEGRE D'HOMOGENEISATION A ULTRA-HAUTE PRESSION ET DESINTEGRATEUR DE CELLULES**
[72] YU, XINGWEN, CN
[72] YU, QIAN, CN
[71] GUANG ZHOU JUNENG NANO&BIO TECHNOLOGY CO., LTD, CN
[85] 2017-01-25
[86] 2015-03-31 (PCT/CN2015/075445)
[87] (WO2016/037482)
[30] CN (201410461556.0) 2014-09-11
[30] CN (201410461557.5) 2014-09-11

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[51] **Int.Cl. F04B 53/14 (2006.01) F04B 39/14 (2006.01) F04B 53/16 (2006.01) F04B 53/22 (2006.01)**
[25] EN
[54] **PUMP FLUID END ASSEMBLY MOUNTING SYSTEM**
[54] **SYSTEME DE MONTAGE D'ENSEMBLE D'EXTREMITE DE FLUIDE DE POMPE**
[72] MORREALE, JOHN D., US
[71] FMC TECHNOLOGIES, INC., US
[85] 2017-01-25
[86] 2014-07-31 (PCT/US2014/049042)
[87] (WO2016/018337)

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[13] A1
[51] **Int.Cl. H01F 38/28 (2006.01)**
[25] EN
[54] **CURRENT TRANSFORMER**
[54] **TRANSFORMATEUR DE COURANT**
[72] WAN, XIANGJUN, CN
[72] SU, BEILU, CN
[72] WANG, JUN, CN
[72] CHEN, ZHENGXIN, CN
[72] FENG, JING, CN
[71] SEARI ELECTRIC TECHNOLOGY CO., LTD., CN
[71] ZHEJIANG CHINT ELECTRICS CO., LTD., CN
[85] 2017-01-25
[86] 2015-07-23 (PCT/CN2015/084896)
[87] (WO2016/019806)
[30] CN (201410383710.7) 2014-08-06

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[13] A1
[51] **Int.Cl. C12M 1/33 (2006.01)**
[25] EN
[54] **HOMOGENIZD AND INTEGRATED DEVICE WITH COAXIAL LINE AND DOUBLE-HIGH PRESSURE CYLINDER**
[54] **DISPOSITIF HOMOGENEISE ET INTEGRE A UNE LIGNE COAXIALE ET DES DOUBLES VERINS A HAUTE PRESSION**
[72] YU, XINGWEN, CN
[72] YU, QIAN, CN
[71] GUANGZHOU JUNENG NANO&BIO TECHNOLOGY CO., LTD, CN
[85] 2017-01-25
[86] 2015-03-31 (PCT/CN2015/075448)
[87] (WO2016/037483)
[30] CN (201410460631.1) 2014-09-11

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[51] **Int.Cl. B01J 23/63 (2006.01) B01D 53/94 (2006.01) B01J 35/10 (2006.01) B01J 37/02 (2006.01) F01N 3/28 (2006.01)**
[25] EN
[54] **EXHAUST GAS PURIFYING CATALYST**
[54] **CATALYSEUR DE PURIFICATION DE GAZ D'ECHAPPEMENT**
[72] KIMURA, TOSHIAKI, JP
[72] HORIMURA, HIROYUKI, JP
[72] YAMAGUCHI, TAKUMI, JP
[72] ENDO, TAKESHI, JP
[72] IIMURO, AKIHIRO, JP
[72] OSHIMA, RYOICHI, JP
[72] HOUSHITO, OHKI, JP
[72] NAKAHARA, YUNOSUKE, JP
[71] HONDA MOTOR CO., LTD., JP
[71] MITSUI MINING & SMELTING CO., LTD., JP
[85] 2017-01-25
[86] 2015-10-21 (PCT/JP2015/079678)
[87] (WO2016/092957)
[30] JP (2014-251973) 2014-12-12

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[13] A1
[51] **Int.Cl. G01V 7/00 (2006.01) G01P 15/00 (2006.01) G01V 7/16 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR GRAVIMETRY WITHOUT USE OF AN INERTIAL REFERENCE**
[54] **SYSTEME ET PROCEDE DE GRAVIMETRIE SANS UTILISATION D'UNE REFERENCE INERTIELLE**
[72] MEYER, THOMAS J., US
[71] LOCKHEED MARTIN CORPORATION, US
[85] 2017-01-24
[86] 2015-08-07 (PCT/US2015/044358)
[87] (WO2016/022996)
[30] US (14/454,468) 2014-08-07

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[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **HIGH-THROUGHPUT SAMPLE PROCESSING SYSTEMS AND METHODS OF USE**
[54] **SYSTEMES DE TRAITEMENT A HAUT RENDEMENT D'ECHANTILLONS ET LEURS PROCEDES D'UTILISATION**
[72] LAPHAM, KYLE ALLEN, US
[72] CREGG, JAMES FREDERICK, US
[72] DELUBAC, DANIEL, US
[72] GLASER, STUART IRA, US
[71] COUNSYL, INC., US
[85] 2017-01-25
[86] 2015-06-02 (PCT/US2015/033643)
[87] (WO2016/025057)
[30] US (62/038,045) 2014-08-15

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[51] **Int.Cl. B65B 55/00 (2006.01)**
[25] EN
[54] **METHOD FOR SANITIZING FRESH PRODUCE**
[54] **PROCEDE D'ASSAINISSEMENT DE PRODUITS FRAIS**
[72] DULL, BOB J., US
[72] BILLINGSLEY, ROGER DALE, US
[72] KHAIRULLAH, ABIZER MOIZ, US
[72] DEERING, AMANDA JANE, US
[72] KAWABATA, JESSICA OKANE, US
[72] MIKOSHIBA, YUKI, US
[71] DOLE FRESH VEGETABLES, INC., US
[85] 2017-01-25
[86] 2015-07-23 (PCT/US2015/041682)
[87] (WO2016/014757)
[30] US (62/029,090) 2014-07-25

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[13] A1
[51] **Int.Cl. A61K 31/4439 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **STEROID-FREE DISEASE MANAGEMENT**
[54] **GESTION DE MALADIE SANS STEROIDES**
[72] SMITH, ROGER ASTBURY, US
[72] LAPING, NICHOLAS JAMES, US
[72] GUPTA, SANDEEP, US
[71] ASANA BIOSCIENCES, LLC, US
[85] 2017-01-25
[86] 2014-07-31 (PCT/US2014/049187)
[87] (WO2016/018380)

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[13] A1
[51] **Int.Cl. B23K 9/095 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR WELDING**
[54] **PROCEDE ET SYSTEME DE SOUDAGE**
[72] RAJAGOPALAN, SHANKAR, US
[71] CRC-EVANS PIPELINE INTERNATIONAL INC., US
[85] 2017-01-25
[86] 2015-08-28 (PCT/US2015/047603)
[87] (WO2016/033568)
[30] US (62/043,757) 2014-08-29

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[51] **Int.Cl. A61B 6/10 (2006.01) G21F 3/00 (2006.01)**
[25] EN
[54] **SHIELDING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE PROTECTION**
[72] GORDON, GREGORY, US
[72] WAHNSCHAFFE, DOUGLAS SCOTT, US
[71] RADUX DEVICES, LLC, US
[85] 2017-01-25
[86] 2014-09-19 (PCT/US2014/056565)
[87] (WO2016/014098)
[30] US (62/028,896) 2014-07-25

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[51] **Int.Cl. A01N 57/20 (2006.01)**
[25] EN
[54] **LOW VOLATILITY PROMOTING WATER CONDITIONING ADJUVANTS**
[54] **ADJUVANTS D'ADOUCISSEMENT D'EAU FAVORISANT UNE FAIBLE VOLATILITE**
[72] CROSBY, KEVIN, US
[72] BRIGANCE, MICKEY R., US
[72] JORDAN-BEAR, JENNIFER, US
[72] HALL, SHANA, US
[71] ADJUVANTS UNLIMITED LLC, US
[85] 2017-01-25
[86] 2015-07-27 (PCT/US2015/042299)
[87] (WO2016/015056)
[30] US (62/028,888) 2014-07-25

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[13] A1
[51] **Int.Cl. A61K 9/06 (2006.01) A61K 9/14 (2006.01) A61K 31/385 (2006.01) A61K 31/415 (2006.01) A61K 31/55 (2006.01) A61P 27/16 (2006.01)**
[25] EN
[54] **OTIC FORMULATIONS FOR THE TREATMENT OF CERUMINOSIS**
[54] **FORMULATIONS OTIQUES POUR LE TRAITEMENT DE CERUMINOSE**
[72] LEBEL, CARL P., US
[72] ROSENBLOOM, JEFFREY S., US
[71] OTONOMY, INC., US
[71] ROSENTBLOOM LP, US
[85] 2017-01-25
[86] 2015-07-29 (PCT/US2015/042634)
[87] (WO2016/019000)
[30] US (62/030,487) 2014-07-29

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[13] A1
[51] **Int.Cl. G01N 33/483 (2006.01)**
[25] EN
[54] **DETERMINATION OF SMALL-MOLECULE THIOLS AND DISULFIDES: PROTEIN BOUND CYS AND TOTAL CYSTEINE AS BIOMARKERS OF OXIDATIVE STRESS**
[54] **DETERMINATION DE DISULFURES ET DE THIOLS A PETITES MOLECULES: CYSTEINE TOTALE ET CYS LIEES A UNE PROTEINE UTILES EN TANT QUE BIOMARQUEURS DU STRESS OXYDATIF**
[72] FU, XIAOYUN, US
[72] CATE, SHELBY A., US
[72] LOPEZ, JOSE ARON, US
[72] CHEN, JUNMEI, US
[72] KONKLE, BARBARA A., US
[71] BLOODWORKS, US
[85] 2017-01-25
[86] 2015-07-27 (PCT/US2015/042318)
[87] (WO2016/015060)
[30] US (62/029,366) 2014-07-25

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[13] A1
[51] **Int.Cl. B23P 19/02 (2006.01) B25B 27/02 (2006.01) H02G 3/06 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR ASSEMBLING AN ELECTRICAL WHIP**
[54] **APPAREIL ET PROCEDE D'ASSEMBLAGE D'UN FOUET ELECTRIQUE**
[72] OEHLERT, JAMES W., US
[72] SPARKS, TONY R., US
[72] WEBSTER, RODRICK K., US
[71] WAL-MART STORES, INC., US
[85] 2017-01-25
[86] 2015-07-28 (PCT/US2015/042382)
[87] (WO2016/018865)
[30] US (62/029,749) 2014-07-28

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[13] A1
[51] **Int.Cl. A61B 5/053 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **SHARING A SINGLE ELECTRODE BETWEEN SKIN RESISTANCE AND CAPACITANCE MEASUREMENTS**
[54] **PARTAGE D'ELECTRODE UNIQUE ENTRE DES MESURES DE CAPACITE ELECTRIQUE ET DE RESISTANCE DE PEAU**
[72] WHEELER, PATRICK LIN, US
[72] MIROV, RUSSELL NORMAN, US
[71] VERILY LIFE SCIENCES LLC, US
[85] 2017-01-25
[86] 2015-07-29 (PCT/US2015/042658)
[87] (WO2016/022356)
[30] US (14/453,443) 2014-08-06

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[51] **Int.Cl. E21B 47/12 (2012.01) E21B 17/00 (2006.01) E21B 47/18 (2012.01)**
[25] EN
[54] **RIG TELEMETRY SYSTEM**
[54] **SYSTEME DE TELEMESURE D'APPAREIL DE FORAGE**
[72] MUELLER, STEPHAN, US
[72] RODERS, INGO, US
[72] FOLBERTH, MARTIN, US
[72] SCHOENBORN, KAI, US
[71] BAKER HUGHES INCORPORATED, US
[85] 2017-01-25
[86] 2015-07-29 (PCT/US2015/042668)
[87] (WO2016/019022)
[30] US (14/446,987) 2014-07-30

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[13] A1
[51] **Int.Cl. B65D 51/00 (2006.01) A61J 1/14 (2006.01)**
[25] EN
[54] **CONTAINER HAVING A HEAD PIECE, WHICH CONTAINER CAN BE OR IS FILLED WITH A MEDIUM**
[54] **RECIPIENT POURVU D'UNE PIECE DE TETE QUI EST OU PEUT ETRE REMPLI AVEC UN FLUIDE**
[72] SPALLEK, MICHAEL, DE
[72] GESER, JOHANNES, DE
[72] KOPFEL, KARL, DE
[72] HAMMER, ALEXANDER, DE
[71] KOCHER-PLASTIK MASCHINENBAU GMBH, DE
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[51] **Int.Cl. G06Q 10/06 (2012.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROMOTIONAL FORECASTING**
[54] **SYSTEMES ET PROCEDES DE PREVISION PROMOTIONNELLE**
[72] CONWAY, CAROLINE, US
[72] FLETCHER, CHARLES BRANDON, US
[72] CHOWDHURY, RAHUL, US
[71] WAL-MART STORES, INC., US
[85] 2017-01-25
[86] 2015-07-30 (PCT/US2015/042934)
[87] (WO2016/019156)
[30] US (62/030,906) 2014-07-30

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[51] **Int.Cl. F17C 1/06 (2006.01)**
[25] EN
[54] **A COMPOSITE MATERIAL CONTAINER AND THE FORMING METHOD OF ITS COMPOSITE MATERIAL LAYER**
[54] **CONTENANT EN MATERIAU COMPOSITE ET PROCEDE DE FORMATION DE SA COUCHE DE MATERIAU COMPOSITE**
[72] YANG, MINGAO, CN
[72] KUANG, HUAN, CN
[72] LI, MEILLIN, CN
[72] ZHANG, HONG, CN
[71] SINOMA SCIENCE & TECHNOLOGY(SUZHOU) CO., LTD., CN
[85] 2017-01-26
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[51] **Int.Cl. C11D 17/08 (2006.01) B01J 13/22 (2006.01) C11D 3/42 (2006.01)**
[25] EN
[54] **LAUNDRY DETERGENT**
[54] **DETERGENT TEXTILE**
[72] LIU, XIAOYAN, CN
[72] RAMIREZ-ALMARAZ, AMARANTA, US
[72] LV, LI, CN
[72] HUANG, XU, CN
[71] THE PROCTER & GAMBLE COMPANY, US
[85] 2017-01-26
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[51] **Int.Cl. G01S 7/40 (2006.01) G01S 13/91 (2006.01) G08G 1/01 (2006.01) G08G 3/00 (2006.01)**
[25] EN
[54] **METHOD FOR DETERMINING A POSITION AND/OR ORIENTATION OF A SENSOR**
[54] **PROCEDE DE DETERMINATION D'UNE POSITION ET/OU D'UNE ORIENTATION D'UN CAPTEUR**
[72] SCHOLZ, ALEXANDER, DE
[72] MENDE, RALPH, DE
[71] S.M.S. SMART MICROWAVE SENSORS GMBH, DE
[85] 2017-01-26
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[30] DE (10 2014 010 937.2) 2014-07-28

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[25] EN
[54] **CONTAINER FOR KITCHEN AND COOKING UTENSILS**
[54] **RECIPIENT POUR USTENSILES DE CUISINE ET DE CUISSON**
[72] STROMSTEN, STEIN, NO
[71] HAY FINANCE GROUP AS, NO
[85] 2017-01-26
[86] 2015-07-30 (PCT/NO2015/050130)
[87] (WO2016/018156)
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[51] **Int.Cl. H02J 50/12 (2016.01) H02J 50/80 (2016.01)**
[25] EN
[54] **DISTRIBUTED CONTROL ADAPTIVE WIRELESS POWER TRANSFER SYSTEM**
[54] **ALIMENTATION SANS FIL ADAPTATIVE ET A EMETTEURS MULTIPLES POUR ROBOTS**
[72] SMITH, JOSHUA R., US
[72] WATERS, BENJAMIN, US
[71] UNIVERSITY OF WASHINGTON, US
[85] 2017-01-25
[86] 2015-07-30 (PCT/US2015/042941)
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[30] US (62/031,131) 2014-07-30

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[51] **Int.Cl. A61F 2/08 (2006.01) C12N 5/077 (2010.01) A61K 35/32 (2015.01)**
[25] EN
[54] **CARTILAGE COMPOSITIONS AND METHODS FOR MODIFYING PROTEOGLYCAN CONTENT**
[54] **COMPOSITIONS DE CARTILAGE ET PROCEDES PERMETTANT DE MODIFIER LA TENEUR EN PROTEOGLYCANE**
[72] KIZER, NEIL, US
[72] BERGMANN, NICOLE M., US
[72] GAGE, GARY, US
[72] ADKISSON, HUSTON DAVIS, US
[72] MALONEY, MICHAEL, US
[71] ISTO TECHNOLOGIES, INC., US
[85] 2017-01-25
[86] 2015-07-30 (PCT/US2015/042960)
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[25] EN
[54] **IMPROVEMENTS IN CHILD-RESISTANT PACKAGES**
[54] **PERFECTIONNEMENTS APPORTES A DES EMBALLAGES DOTES D'UNE SECURITE ENFANT**
[72] PARKER, ALEXANDER, GB
[72] WHARTON, BURGO, GB
[71] DUFF DESIGN LIMITED, GB
[85] 2017-01-25
[86] 2015-07-27 (PCT/GB2015/052166)
[87] (WO2016/012816)
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[25] EN
[54] **ELECTRONIC AEROSOL PROVISION SYSTEM**
[54] **SYSTEME DE DISTRIBUTION D'AEROSOL ELECTRONIQUE**
[72] BUCHBERGER, HELMUT, AT
[72] DICKENS, COLIN, GB
[72] FRASER, RORY, GB
[71] NICOVENTURES HOLDINGS LIMITED, GB
[85] 2017-01-25
[86] 2015-08-07 (PCT/GB2015/052290)
[87] (WO2016/030661)
[30] GB (1415051.0) 2014-08-26

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[13] A1
[51] **Int.Cl. H01M 4/525 (2010.01) H01M 4/505 (2010.01)**
[25] EN
[54] **METHOD OF PREPARING LITHIUM NICKEL MANGANESE OXIDE CATHODE MATERIAL**
[54] **PROCEDE DE PREPARATION DE MATERIAU D'ANODE D'OXYDE DE LITHIUM-NICKEL-MANGANESE**
[72] HUANG, CHUN-MING, CN
[72] LIN, HSIANG-PIN, CN
[72] HSIEH, HAN-WEI, CN
[71] ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD., CN
[85] 2017-01-24
[86] 2015-07-23 (PCT/CN2015/084908)
[87] (WO2016/011962)
[30] US (62/029,117) 2014-07-25

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[13] A1
[51] **Int.Cl. H01M 4/1391 (2010.01) H01M 4/505 (2010.01)**
[25] EN
[54] **PREPARATION METHOD OF LITHIUM NICKEL MANGANESE OXIDE CATHODE MATERIAL OF BATTERY AND LITHIUM NICKEL MANGANESE OXIDE CATHODE MATERIAL OF BATTERY**
[54] **PROCEDE DE PREPARATION DE MATERIAU D'ELECTRODE POSITIVE DE BATTERIE A L'OXYDE DE LITHIUM-NICKEL-MANGANESE, ET MATERIAU D'ELECTRODE POSITIVE DE BATTERIE A L'OXYDE DE LITHIUM-NICKEL-MANGANESE**
[72] HUANG, CHUN-MING, CN
[72] HSIEH, HAN-WEI, CN
[72] LIN, HSIANG-PIN, CN
[71] ADVANCED LITHIUM ELECTROCHEMISTRY CO., LTD., CN
[85] 2017-01-24
[86] 2015-07-23 (PCT/CN2015/084909)
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[30] US (62/029,146) 2014-07-25

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[51] **Int.Cl. C22C 38/00 (2006.01) C22C 38/12 (2006.01) C22C 38/32 (2006.01)**
[25] EN
[54] **IMPACT RESISTANT HARDFACING AND ALLOYS AND METHODS FOR MAKING THE SAME**
[54] **SURFACAGE DE RENFORT ET ALLIAGES RESISTANTS AUX IMPACTS ET PROCEDES DE FABRICATION DE CES DERNIERS**
[72] CHENEY, JUSTIN LEE, US
[72] CASTELLS, ADOLFO, US
[72] BRACCI, JONATHON, US
[71] SCOPERTA, INC., US
[85] 2017-01-24
[86] 2015-07-22 (PCT/US2015/041533)
[87] (WO2016/014665)
[30] US (62/028,707) 2014-07-24
[30] US (62/187,714) 2015-07-01

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[51] **Int.Cl. C09J 11/00 (2006.01)**
[25] EN
[54] **MULTI-PART ADHESIVE AND ITS METHOD OF MANUFACTURE**
[54] **ADHESIF MULTI-PARTIE ET SON PROCEDE DE FABRICATION**
[72] TOWNLEY, GARY, GB
[71] MIX 14 LTD., GB
[85] 2017-01-25
[86] 2014-09-23 (PCT/GB2014/052883)
[87] (WO2015/040429)
[30] GB (1316892.7) 2013-09-23

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[51] **Int.Cl. A23C 9/123 (2006.01) A23C 9/13 (2006.01) A23C 9/137 (2006.01)**
[25] EN
[54] **PRESSURIZED SPRAY DEVICE CONTAINING A LOW FAT FERMENTED DAIRY PRODUCT**
[54] **DISPOSITIF DE PULVERISATION SOUS PRESSION CONTENANT UN PRODUIT LAITIER FERMENTE A FAIBLE TENEUR EN MATIERE GRASSE**
[72] CATONNET, GUILLAUME, FR
[72] SCHMITT, LAURENT, FR
[72] MONTES CUEVAS, PAULA, ES
[72] SANMARTIN SIERRA, ESTHER, ES
[72] PEREZ SIMON, IZASKUN, ES
[72] MARTINEZ DE MARANON IBABE, INIGO, ES
[71] COMPAGNIE GERVAIS DANONE, FR
[85] 2017-01-25
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[51] **Int.Cl. E05B 63/14 (2006.01)**
[25] EN
[54] **MULTI-POINT EXIT DEVICE**
[54] **DISPOSITIF DE SORTIE MULTIPOINTS**
[72] KONDI, SUSHANTH ANAND RAO, IN
[72] ALI, MOHAMMED MAKSOOD, IN
[72] PUTASWAMY, KEMPARAJU, IN
[72] COLEMAN, MICHAEL D., US
[72] GRAHAM, MATTHEW S., US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2017-01-25
[86] 2015-07-06 (PCT/US2015/039196)
[87] (WO2016/004426)
[30] US (62/020,785) 2014-07-03

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[51] **Int.Cl. E05B 65/00 (2006.01)**
[25] EN
[54] **DEADBOLT ASSEMBLY**
[54] **ENSEMBLE PENE DORMANT**
[72] GRAHAM, MATTHEW S., US
[71] SCHLAGE LOCK COMPANY LLC, US
[85] 2017-01-25
[86] 2015-07-06 (PCT/US2015/039203)
[87] (WO2016/004428)
[30] US (14/324,052) 2014-07-03

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[13] A1
[51] **Int.Cl. G01J 3/02 (2006.01)**
[25] EN
[54] **SPECTROMETER WITH ACTIVE BEAM STEERING**
[54] **SPECTROMETRE A DIRECTION DE FAISCEAU ACTIVE**
[72] FEITISCH, ALFRED, US
[72] LIU, XIANG, US
[72] HELBLEY, KEITH BENJAMIN, US
[72] BEYER, DOUGLAS, US
[71] SPECTRASENSORS, INC., US
[85] 2017-01-25
[86] 2015-07-09 (PCT/US2015/039668)
[87] (WO2016/028401)
[30] US (14/466,819) 2014-08-22

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[51] **Int.Cl. G01J 3/02 (2006.01) G01J 3/10 (2006.01)**
[25] EN
[54] **SPECTROMETER WITH VARIABLE BEAM POWER AND SHAPE**
[54] **SPECTROMETRE A FAISCEAU DE PUISSANCE ET DE FORME VARIABLES**
[72] FEITISCH, ALFRED, US
[72] LIU, XIANG, US
[72] CHANG, CHIH-HUSAN, US
[72] HUANG, HSU-HUNG, US
[71] SPECTRASENSORS, INC., US
[85] 2017-01-25
[86] 2015-07-09 (PCT/US2015/039686)
[87] (WO2016/028403)
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[51] **Int.Cl. H04W 28/04 (2009.01)**
[25] EN
[54] **RESOURCE SCHEDULING METHOD, RESOURCE DETERMINING METHOD, ENODEB AND USER EQUIPMENT**
[54] **PROCEDE DE PLANIFICATION DE RESSOURCES, N□UD B EVOLUE, EQUIPEMENT UTILISATEUR ET PROCEDE DE DETERMINATION DE RESSOURCES**
[72] WANG, LI, CN
[72] GOLITSCHEK EDLER VON ELBWART, ALEXANDER, DE
[72] EINHAUS, MICHAEL, DE
[72] SUZUKI, HIDETOSHI, JP
[72] WANG, LILEI, CN
[72] HOSHINO, MASAYUKI, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
[85] 2017-01-26
[86] 2014-11-15 (PCT/CN2014/091216)
[87] (WO2016/074250)

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[51] **Int.Cl. B01D 27/14 (2006.01) B01D 29/56 (2006.01) B01D 35/30 (2006.01) F16L 3/13 (2006.01)**
[25] EN
[54] **FILTER CARTRIDGE INTERFACE**
[54] **INTERFACE DE CARTOUCHE FILTRANTE**
[72] FATIMA, ROMA, US
[72] HOGADE, MAYUR H., IN
[72] JIANG, ZEMIN, US
[72] MEDLIN, GWYNN G., US
[72] SHUKLA, DEEKSHA, IN
[72] KASTURI, SREEDEVI, IN
[71] CUMMINS FILTRATION IP, INC., US
[85] 2017-01-25
[86] 2015-07-14 (PCT/US2015/040291)
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[51] **Int.Cl. H04B 7/02 (2017.01)**
[25] EN
[54] **WIRELESS COMMUNICATION METHOD AND DEVICE**
[54] **PROCEDE ET DISPOSITIF DE COMMUNICATION SANS FIL**
[72] GAO, CHI, CN
[72] WANG, LI, CN
[72] WANG, LILEI, CN
[72] SUZUKI, HIDETOSHI, JP
[72] HOSHINO, MASAYUKI, JP
[71] PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA, US
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[51] **Int.Cl. C07K 16/28 (2006.01)**
[25] EN
[54] **ANTI-PD-L1 ANTIBODIES**
[54] **ANTICORPS ANTI-PD-L1**
[72] ZHA, JIPING, CN
[72] SUN, ZIYONG, CN
[72] QIU, JUNZHUAN, CN
[71] CB THERAPEUTICS, INC., US
[85] 2017-01-25
[86] 2015-08-05 (PCT/US2015/043723)
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[30] CN (PCT/CN2014/083715) 2014-08-05

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **CIRCLE LAYER SYSTEM CONSTRUCTION METHOD AND APPARATUS**
[54] **PROCEDE ET APPAREIL DE CONSTRUCTION DE SYSTEME DE COUCHE DE CERCLE**
[72] QIN, YUAN, CN
[71] SHENZHEN VCHAN TECHNOLOGY CO., LTD, CN
[85] 2017-01-26
[86] 2015-07-07 (PCT/CN2015/083419)
[87] (WO2016/054934)
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[51] **Int.Cl. A61F 2/06 (2013.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR COUPLING AND DECOUPLING A CATHETER**
[54] **SYSTEMES ET METHODES D'ACCOUPLEMENT ET DE DESACCOUPLEMENT DE CATHETER**
[72] SMOUSE, HARRY R., US
[72] STALKER, KENT C., US
[72] WILLIAMS, TIMOTHY H., US
[71] BRIGHTWATER MEDICAL, INC., US
[85] 2017-01-25
[86] 2015-08-11 (PCT/US2015/044580)
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[51] **Int.Cl. C07D 491/048 (2006.01) A61K 31/4355 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01)**
[25] EN
[54] **6-ARYLAMINO PYRIDONE FORMAMIDE COMPOUND CRYSTAL AND PREPARATION METHOD THEREFOR**
[54] **CRISTAL DE COMPOSE 6-ARYL AMINO PYRIDONE FORMAMIDE ET SON PROCEDE DE PREPARATION**
[72] WANG, LULU, CN
[72] ZHANG, XIQUAN, CN
[72] LIU, FEI, CN
[72] ZHU, YIZHONG, CN
[72] GAO, CHAO, CN
[72] TANG, SONG, CN
[72] ZHU, BO, CN
[72] TANG, JIANQIU, CN
[71] CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD., CN
[71] CENTAURUS BIOPHARMA CO., LTD., CN
[85] 2017-01-26
[86] 2015-08-05 (PCT/CN2015/086118)
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[30] CN (201410383541.7) 2014-08-05

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[51] **Int.Cl. A61B 17/32 (2006.01) A61M 25/06 (2006.01)**
[25] EN
[54] **CATHETER DEVICES, KITS AND METHODS**
[54] **DISPOSITIFS DE CATHETER, KITS ET PROCEDES**
[72] ROCHE REBOLLO, ENRIQUE, ES
[71] ROCHE REBOLLO, ENRIQUE, ES
[85] 2017-01-26
[86] 2014-12-24 (PCT/EP2014/079311)
[87] (WO2016/015787)
[30] ES (P 201431141) 2014-07-29

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[13] A1
[51] **Int.Cl. E21B 44/00 (2006.01) E21B 47/00 (2012.01) G05B 19/02 (2006.01)**
[25] EN
[54] **LOCALLY LUMPED EQUATION OF STATE FLUID CHARACTERIZATION IN RESERVOIR SIMULATION**
[54] **CARACTERISATION DE FLUIDE A EQUATION D'ETATS GROUPES LOCALEMENT DANS UNE SIMULATION DE RESERVOIR**
[72] FLEMING, GRAHAM CHRISTPOHER, US
[72] WONG, TERRY WAYNE, US
[71] LANDMARK GRAPHICS CORPORATION, US
[85] 2017-01-26
[86] 2014-09-03 (PCT/US2014/053855)
[87] (WO2016/036359)

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[13] A1
[51] **Int.Cl. C08G 69/26 (2006.01) C08G 69/28 (2006.01) C08G 69/30 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING A POLYAMIDE, A NYLON SALT TO BE USED THEREIN AND A PROCESS FOR MAKING THE SALT**
[54] **PROCEDE DE PREPARATION D'UN POLYAMIDE, SEL NYLON DEVANT ETRE UTILISE DANS LE PROCEDE ET PROCEDE DE PRODUCTION DU SEL**
[72] LAARHOVEN VAN, BAS, NL
[72] STOELWINDER, CHRISTIIAN JOHANNES CORNELIS, NL
[72] HELMSING, MARK, NL
[71] DSM IP ASSETS B.V., NL
[85] 2017-01-26
[86] 2015-07-29 (PCT/EP2015/073639)
[87] (WO2016/062579)
[30] EP (14178927.1) 2014-07-29

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[51] **Int.Cl. C08F 20/18 (2006.01)**
[25] EN
[54] **SURFACTANT-COMPATIBLE STAR MACROMOLECULES**
[54] **MACROMOLECULES EN ETOILE COMPATIBLES AVEC UN AGENT TENSIO-ACTIF**
[72] HUANG, LIANG, US
[72] LIAO, YUANXI, US
[72] MCCARTHY, PATRICK, US
[71] ATRP SOLUTIONS, INC., US
[85] 2017-01-26
[86] 2015-07-02 (PCT/US2015/039066)
[87] (WO2016/004357)
[30] US (62/020,736) 2014-07-03

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[13] A1
[51] **Int.Cl. H04L 12/951 (2013.01) H04L 12/937 (2013.01)**
[25] EN
[54] **RELIABLE TRANSPORT OF ETHERNET PACKET DATA WITH WIRE-SPEED AND PACKET DATA RATE MATCH**
[54] **TRANSPORT FIABLE DE DONNEES ETHERNET PAR PAQUETS AVEC UNE CORRESPONDANCE ENTRE DEBIT DE DONNEES PAR PAQUETS ET VITESSE FILAIRE**
[72] BIRRITTELLA, MARK S., US
[72] LOVETT, THOMAS D., US
[72] RIMMER, TODD M., US
[71] INTEL CORPORATION, US
[85] 2017-01-26
[86] 2015-01-06 (PCT/US2015/010304)
[87] (WO2015/119732)
[30] US (14/173,782) 2014-02-05

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[13] A1
[51] **Int.Cl. A61K 31/765 (2006.01)**
[25] EN
[54] **DEGRADABLE AMINO ACID-BASED POLY(ESTER UREA) COPOLYMER ADHESIVES**
[54] **ADHESIFS DEGRADABLES FORMES DE COPOLYMERES DE POLY(ESTER UREE) A BASE D'ACIDES AMINES**
[72] BECKER, MATTHEW, US
[72] ZHOU, JINJUN, US
[72] DEFANTE, ADRIAN, US
[72] DHINOJWALA, ALI, US
[71] THE UNIVERSITY OF AKRON, US
[85] 2017-01-26
[86] 2015-07-21 (PCT/US2015/041259)
[87] (WO2016/014471)
[30] US (62/027,487) 2014-07-22

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[51] **Int.Cl. C07B 59/00 (2006.01)**
[25] EN
[54] **IRON AND COBALT CATALYZED HYDROGEN ISOTOPE LABELING OF ORGANIC COMPOUNDS**
[54] **MARQUAGE ISOTOPIQUE D'HYDROGENE, CATALYSE PAR LE FER ET LE COBALT, DE COMPOSES ORGANIQUES**
[72] CHIRIK, PAUL, US
[72] YU, RENYUAN, CN
[71] THE TRUSTEES OF PRINCETON UNIVERSITY, US
[85] 2017-01-26
[86] 2015-07-29 (PCT/US2015/042691)
[87] (WO2016/019038)
[30] US (62/030,401) 2014-07-29

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[51] **Int.Cl. C09K 8/58 (2006.01) C09K 8/60 (2006.01) E21B 43/22 (2006.01)**
[25] EN
[54] **POLYMER EMULSIONS FOR USE IN CRUDE OIL RECOVERY**
[54] **EMULSIONS POLYMERES DESTINEES A ETRE UTILISEES DANS LA RECUPERATION DE PETROLE BRUT**
[72] LI, XIAOJIN HARRY, US
[72] REED, PETER E., US
[72] ANDREWS, WILLIAM J., US
[71] ECOLAB USA INC., US
[85] 2017-01-26
[86] 2015-07-29 (PCT/US2015/042715)
[87] (WO2016/019052)
[30] US (14/445,599) 2014-07-29

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[51] **Int.Cl. G01R 27/08 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR A COOKING OIL QUALITY SENSOR**
[54] **PROCEDE ET APPAREIL POUR CAPTEUR DE QUALITE D'HUILE DE CUISSON**
[72] ROBERTSON, EZBAN F., US
[72] PITCHFORD, ERIC N., US
[72] CALOW, JOHN, US
[71] FRYMASTER L.L.C., US
[85] 2017-01-26
[86] 2015-07-31 (PCT/US2015/043142)
[87] (WO2016/019259)
[30] US (62/032,251) 2014-08-01

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[51] **Int.Cl. A61M 16/14 (2006.01) A61M 11/02 (2006.01) A61M 16/20 (2006.01)**
[25] EN
[54] **POSITIVE PRESSURE INSPIRATION DEVICE FOR DELIVERY OF MEDICAMENTS**
[54] **DISPOSITIF D'INSPIRATION A PRESSION POSITIVE PERMETTANT L'ADMINISTRATION DE MEDICAMENTS**
[72] EDENHOFFER, PETER, US
[71] EDENHOFFER, PETER, US
[85] 2017-01-26
[86] 2015-07-29 (PCT/US2015/042738)
[87] (WO2016/019061)
[30] US (62/030,223) 2014-07-29
[30] US (14/812,887) 2015-07-29

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[51] **Int.Cl. A63B 69/00 (2006.01)**
[25] EN
[54] **SPORT SWING TRAINING APPARATUS AND SWING SYSTEM**
[54] **APPAREIL D'ENTRAINEMENT SPORTIF AU SWING ET SYSTEME DE SWING**
[72] JARVIS, FRANCIS, US
[71] JARVIS, FRANCIS, US
[85] 2017-01-26
[86] 2015-07-23 (PCT/US2015/041638)
[87] (WO2016/018700)
[30] US (62/029,461) 2014-07-26

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[51] **Int.Cl. B28C 7/04 (2006.01) C04B 28/22 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM TO MANUFACTURE NATIVE SOIL FLOWABLE FILL**
[54] **PROCEDE ET SYSTEME POUR FABRIQUER DU REMBLAI DE TERRE NATIVE COULANT**
[72] BUCKNER, DON M., US
[71] VAC-TRON EQUIPMENT, LLC, US
[85] 2017-01-26
[86] 2015-08-04 (PCT/US2015/043586)
[87] (WO2016/022544)
[30] US (62/032,753) 2014-08-04

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[51] **Int.Cl. G01N 1/44 (2006.01) G01J 5/00 (2006.01) G01J 5/12 (2006.01) G01N 1/38 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PREPARING AN ANALYTICAL SAMPLE BY FUSION**
[54] **PROCEDE ET APPAREIL DE PREPARATION D'ECHANTILLON ANALYTIQUE PAR FUSION**
[72] CROISETIERE, LOUIS, CA
[72] NOBLESSE, ARNAUD, CA
[71] MATERIAUX NIEKA INC., CA
[85] 2017-01-26
[86] 2015-09-14 (PCT/CA2015/050886)
[87] (WO2016/041063)
[30] US (62/050,246) 2014-09-15

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[51] **Int.Cl. B65D 33/00 (2006.01)**
[25] EN
[54] **PORTABLE CARRIER FOR REUSABLE GROCERY-STYLE BAGS**
[54] **SUPPORT PORTATIF POUR SACS DE COURSE REUTILISABLES**
[72] JAMES, GREGORY, US
[72] CHADWELL, SCOTT, US
[71] BALANCED EARTH SOLUTIONS, LLC, US
[85] 2017-01-26
[86] 2014-08-10 (PCT/US2014/050459)
[87] (WO2015/034626)
[30] US (14/018,407) 2013-09-04

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[51] **Int.Cl. G06Q 30/02 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR INFERRING AN INDIVIDUAL CARDHOLDER'S DEMOGRAPHIC DATA FROM SHOPPING BEHAVIOR AND EXTERNAL SURVEY DATA USING A BAYESIAN NETWORK**
[54] **PROCEDE ET SYSTEME DE DEDUCTION DES DONNEES DEMOGRAPHIQUES D'UN DETENTEUR INDIVIDUEL DE CARTE A PARTIR D'UN COMPORTEMENT D'ACHATS ET DE DONNEES D'ENQUETES EXTERNES A L'AIDE D'UN RESEAU BAYESIEN**
[72] KURAPATI, KAUSHAL, US
[72] ZHANG, FAN, US
[72] KASHYAP, ABHIJITH RAMESH, US
[71] TRUAXIS, INC., US
[85] 2017-01-26
[86] 2015-08-06 (PCT/US2015/044000)
[87] (WO2016/025291)
[30] US (62/036,921) 2014-08-13
[30] US (14/631,091) 2015-02-25
[30] US (14/637,150) 2015-03-03
[30] US (14/789,700) 2015-07-01

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[51] **Int.Cl. B65D 1/02 (2006.01) C08L 67/03 (2006.01)**
[25] EN
[54] **SMALL CARBONATED BEVERAGE PACKAGING WITH ENHANCED SHELF LIFE PROPERTIES**
[54] **PETIT EMBALLAGE DE BOISSONS GAZEUSES PRESENTANT DES PROPRIETES DE DUREE DE VIE AMELIOREES**
[72] CHIANG, CASPER W., US
[72] GOVINDARAJAN, VENKAT, US
[72] RAJESH, GOPALASWAMY, US
[72] MUBARAK, CHRISTOPHER RUSSELL, US
[72] SALLES, JOSE OLAVO MARTINS FERREIRA, US
[72] STEWARD, STERLING LANE, US
[72] SHI, SIMON, US
[71] THE COCA-COLA COMPANY, US
[85] 2017-01-26
[86] 2015-07-31 (PCT/US2015/043328)
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[51] **Int.Cl. A61N 5/06 (2006.01)**
[25] EN
[54] **DEVICE FOR TARGETED TREATMENT OF DERMASTOSES**
[54] **DISPOSITIF DE TRAITEMENT CIBLE DE DERMATOSES**
[72] LEVATTER, JEFFREY, US
[71] MELA SCIENCES, INC., US
[85] 2017-01-26
[86] 2015-07-30 (PCT/US2015/042926)
[87] (WO2016/019151)
[30] US (62/031,674) 2014-07-31
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[51] **Int.Cl. A61M 16/00 (2006.01) A61M 1/00 (2006.01) A61M 16/04 (2006.01) A61M 16/20 (2006.01) A61M 39/22 (2006.01)**
[25] EN
[54] **WASH PORT ASSEMBLIES FOR AIRWAY ADAPTERS**
[54] **ENSEMBLES D'ORIFICES DE LAVAGE POUR ADAPTATEURS POUR VOIES AERIENNES**
[72] FU, HAOJUN, US
[72] WHITE, DENNIS, US
[71] VYAIRE MEDICAL CONSUMABLES LLC, US
[85] 2017-01-26
[86] 2015-08-07 (PCT/US2015/044207)
[87] (WO2016/022919)
[30] US (62/035,381) 2014-08-08

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[51] **Int.Cl. A61B 17/3201 (2006.01) A61B 17/94 (2006.01) A61B 17/34 (2006.01)**
[25] EN
[54] **NEEDLESCOPIC SCISSOR END EFFECTOR AND METHOD OF USE**
[54] **ORGANE EFFECTEUR TERMINAL DE CISEAUX DE CHIRURGIE LAPAROSCOPIQUE A L'AIGUILLE ET METHODE D'UTILISATION**
[72] RAVIKUMAR, SUNDARAM, US
[72] OSBORNE, GUY, US
[71] TELEFLEX MEDICAL INCORPORATED, US
[85] 2017-01-26
[86] 2015-07-27 (PCT/US2015/042233)
[87] (WO2016/018806)
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[51] **Int.Cl. C07C 257/00 (2006.01) C07C 251/70 (2006.01)**
[25] EN
[54] **BISAMIDINIUM-BASED INHIBITORS FOR THE TREATMENT OF MYOTONIC DYSTROPHY**
[54] **INHIBITEURS A BASE DE BISAMIDINIUM POUR LE TRAITEMENT DE LA DYSTROPHIE MYOTONIQUE**
[72] ZIMMERMAN, STEVEN C., US
[72] LUU, LONG M., US
[72] NGUYEN, LEIN T.T., US
[71] THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS, US
[85] 2017-01-26
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[87] (WO2016/023039)
[30] US (62/034,932) 2014-08-08

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[54] **ATTIC SPRINKLER**
[54] **ASPERSEUR AUTOMATIQUE DE GRENIER**
[72] ORR, SHAWN G., US
[71] THE VIKING CORPORATION, US
[85] 2017-01-26
[86] 2015-08-12 (PCT/US2015/044848)
[87] (WO2016/036484)
[30] US (14/477,489) 2014-09-04

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[13] A1
[51] **Int.Cl. A23L 3/32 (2006.01) B65B 55/02 (2006.01) C25B 11/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR STERILIZATION BY ELECTROLYSIS OF CLOSED CONTAINER CONTENTS IN CLOSED CONTAINERS, AND CORRESPONDING CONTAINER FOR POST-PACKAGING STERILIZATION**
[54] **SYSTEME ET PROCEDE POUR LA STERILISATION PAR ELECTROLYSE DE CONTENUS DE RECIPIENTS FERMES DANS DES RECIPIENTS FERMES ET RECIPIENT CORRESPONDANT POUR LA STERILISATION POST-CONDITIONNEMENT**
[72] DUVOISIN, CHARLES ADRIANO, BR
[71] BCGI INDUSTRIA DE MAQUINAS E GESTAO DE ATIVOS INTANGIVEIS SPE LTDA., BR
[85] 2017-01-26
[86] 2015-05-13 (PCT/BR2015/000066)
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[51] **Int.Cl. H01Q 1/52 (2006.01) H01Q 1/32 (2006.01)**
[25] EN
[54] **VEHICLE ANTENNA DEVICE**
[54] **DISPOSITIF D'ANTENNE SUR VEHICULE**
[72] OHNO, SADAO, JP
[72] OSAWA, KENGO, JP
[71] YOKOWO CO., LTD., JP
[85] 2017-01-27
[86] 2015-05-20 (PCT/JP2015/064422)
[87] (WO2016/017247)
[30] JP (2014-152996) 2014-07-28

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[51] **Int.Cl. H01Q 1/32 (2006.01) H01Q 1/22 (2006.01) H01Q 1/52 (2006.01)**
[25] EN
[54] **VEHICLE ANTENNA DEVICE**
[54] **DISPOSITIF D'ANTENNE SUR VEHICULE**
[72] OHNO, SADAO, JP
[72] HAYAKAWA, KENJI, JP
[72] SONE, TAKAYUKI, JP
[71] YOKOWO CO., LTD., JP
[85] 2017-01-27
[86] 2015-06-05 (PCT/JP2015/066362)
[87] (WO2016/017278)
[30] JP (2014-153026) 2014-07-28

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[13] A1
[51] **Int.Cl. G06T 15/00 (2011.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR RECONSTRUCTING OBSTRUCTED FACE PORTIONS FOR VIRTUAL REALITY ENVIRONMENT**
[54] **PROCEDE ET SYSTEME POUR LA RECONSTRUCTION DE PARTIES OCCULTEES D'UN VISAGE, DANS UN ENVIRONNEMENT DE REALITE VIRTUELLE**
[72] GROSSINGER, NADAV, IL
[72] ALON, EMIL, IL
[71] FACEBOOK, INC., US
[85] 2017-01-27
[86] 2015-08-04 (PCT/IL2015/050801)
[87] (WO2016/020921)
[30] US (62/032,678) 2014-08-04

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[25] EN
[54] **METHOD FOR PRODUCING PELLETS AND METHOD FOR PRODUCING IRON-NICKEL ALLOY**
[54] **PROCEDE POUR LA PRODUCTION DE BOULETTES ET PROCEDE POUR LA PRODUCTION D'ALLIAGE DE FER-NICKEL**
[72] TAKAHASHI, JUNICHI, JP
[72] INOUE, TAKU, JP
[72] OKADA, SHUUJI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-01-27
[86] 2015-06-30 (PCT/JP2015/068856)
[87] (WO2016/017348)
[30] JP (2014-157577) 2014-08-01

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[51] **Int.Cl. A61F 2/915 (2013.01)**
[25] EN
[54] **FLEXIBLE STENT**
[54] **ENDOPROTHESE SOUPLE**
[72] SHOBAYASHI, YASUHIRO, JP
[71] WORLD MEDISH TECHNOLOGY CO., LTD., JP
[85] 2017-01-27
[86] 2014-03-26 (PCT/JP2014/058415)
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[30] JP (2014-061130) 2014-03-25

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[51] **Int.Cl. C22B 23/02 (2006.01) C22B 1/245 (2006.01) C22B 5/10 (2006.01)**
[25] EN
[54] **METHOD FOR SMELTING NICKEL OXIDE ORE**
[54] **PROCEDE POUR LA FUSION DE MINERAI D'OXYDE DE NICKEL**
[72] TAKAHASHI, JUNICHI, JP
[72] INOUE, TAKU, JP
[72] OKADA, SHUUJI, JP
[71] SUMITOMO METAL MINING CO., LTD., JP
[85] 2017-01-27
[86] 2015-07-10 (PCT/JP2015/069849)
[87] (WO2016/017400)
[30] JP (2014-157578) 2014-08-01

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[51] **Int.Cl. G01B 11/24 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR MEASURING SURFACE PROFILE**
[54] **DISPOSITIF DE MESURE ET PROCEDE DE MESURE DE FORME DE SURFACE**
[72] LACROIX, YVES, JP
[71] YSYSTEMS LTD., JP
[85] 2017-01-27
[86] 2014-07-30 (PCT/JP2014/070114)
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[51] **Int.Cl. C10J 3/48 (2006.01)**
[25] EN
[54] **METHOD OF SYNTHETIC FUEL GAS PRODUCTION**
[54] **PROCEDE DE PRODUCTION DE GAZ COMBUSTIBLE SYNTHETIQUE**
[72] GILLESPIE, MICHAEL JOSEPH, III, US
[72] GILLESPIE, CHRISTOPHER PAUL, US
[72] ZAMBITO, JOSEPH J., US
[71] SUSTAINABLE WASTE POWER SYSTEMS, INC., US
[85] 2017-01-26
[86] 2015-07-28 (PCT/US2015/042330)
[87] (WO2016/018836)
[30] US (62/029,691) 2014-07-28
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[51] **Int.Cl. H01L 41/047 (2006.01) A42B 3/06 (2006.01) G01L 5/00 (2006.01)**
[25] EN
[54] **ACCELERATION-SENSING ELECTROCHEMICAL PRESSURE SENSOR COMPOSITIONS**
[54] **COMPOSITIONS DE CAPTEURS DE PRESSION ELECTROCHIMIQUES SENSIBLES A L'ACCELERATION**
[72] LABELLE, JEFFREY, US
[72] BLUMSOM, JIM, CA
[72] LAZARAVICH, PETER, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
[71] PRESIDIUM USA, INC., US
[85] 2017-01-25
[86] 2015-07-21 (PCT/US2015/041386)
[87] (WO2016/014572)
[30] US (62/029,176) 2014-07-25

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[51] **Int.Cl. B62D 55/20 (2006.01) C21D 7/04 (2006.01) C21D 10/00 (2006.01)**
[25] EN
[54] **EXPLOSIVE HARDENING OF TRACK SHOES**
[54] **DURCISSEMENT EXPLOSIF DE PATINS**
[72] SAAD, JOHN ROSS, AU
[72] DALZIEL, ANDREW GREGOR, AU
[71] BRADKEN RESOURCES PTY LIMITED, AU
[85] 2017-01-26
[86] 2015-09-08 (PCT/AU2015/050527)
[87] (WO2016/037231)
[30] AU (2014903554) 2014-09-08

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[51] **Int.Cl. A63B 23/00 (2006.01) A63B 21/00 (2006.01) A63B 21/068 (2006.01)**
[25] EN
[54] **EXERCISE DEVICES AND SYSTEMS**
[54] **DISPOSITIFS ET SYSTEMES D'EXERCICE**
[72] SCOTT, DAVID KIM, NZ
[72] BROWN, MALCOLM LEWIS, NZ
[72] SIMS, CAMERON RUSSELL, NZ
[71] CAMBELLE LTD, NZ
[85] 2017-01-26
[86] 2015-07-24 (PCT/NZ2015/050096)
[87] (WO2016/018159)
[30] US (62/031,931) 2014-08-01

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[51] **Int.Cl. B60T 13/26 (2006.01) B60T 7/04 (2006.01) B60T 7/12 (2006.01) B60T 15/18 (2006.01)**
[25] EN
[54] **CONTROL SYSTEM FOR RAIL CAR PARKING BRAKE**
[54] **SYSTEME DE COMMANDE POUR FREIN DE STATIONNEMENT DE VEHICULE FERROVIAIRE**
[72] WRIGHT, ERIC C., US
[71] NEW YORK AIR BRAKE, LLC, US
[85] 2017-01-26
[86] 2014-07-28 (PCT/US2014/048412)
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[51] **Int.Cl. A61F 15/00 (2006.01) A61F 13/02 (2006.01)**
[25] EN
[54] **ARTICLE AND METHOD FOR MAINTAINING MENSTRUAL FLUID WITHIN THE VAGINA**
[54] **ARTICLE ET PROCEDE PERMETTANT DE MAINTENIR LE FLUIDE MENSTRUEL A L'INTERIEUR DU VAGIN**
[72] MOSCHEROSCH, H. MICHAEL, US
[72] STURGEON, JENNIFER L., US
[72] HOU, MARI, US
[71] JOHNSON & JOHNSON CONSUMER INC., US
[85] 2017-01-26
[86] 2014-07-31 (PCT/US2014/049045)
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[51] **Int.Cl. E04F 19/02 (2006.01)**
[25] EN
[54] **STRUCTURAL ENGINEERED WOOD RIM BOARD FOR LIGHT FRAME CONSTRUCTION**
[54] **PANNEAU DE BORDURE EN BOIS STRUCTURELLEMENT MODIFIE POUR CONSTRUCTION DE CHARPENTE LEGERE**
[72] MEI, EDMUND, US
[71] MEI, EDMUND, US
[85] 2017-01-26
[86] 2014-08-06 (PCT/US2014/049868)
[87] (WO2015/021102)
[30] US (61/863,283) 2013-08-07
[30] US (14/451,813) 2014-08-05

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[13] A1
[51] **Int.Cl. E05D 7/04 (2006.01) E05D 7/06 (2006.01)**
[25] EN
[54] **AN IMPROVED HINGE**
[54] **CHARNIERE AMELIOREE**
[72] FRANK, MANFRED JOHANNES, NZ
[71] MANFRED FRANK PATENT HOLDINGS LIMITED, NZ
[85] 2017-01-26
[86] 2015-06-30 (PCT/IB2015/054887)
[87] (WO2016/016746)
[30] NZ (628113) 2014-07-30

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[13] A1
[51] **Int.Cl. E06B 3/66 (2006.01)**
[25] EN
[54] **PANELIZED SHADOW BOX**
[54] **GENERATEUR D'OMBRAGE A PANNEAUX**
[72] WEINRYB, STEPHEN, US
[72] MCCLELLAND, NEIL, US
[71] HOK PRODUCT DESIGN LLC, US
[71] DOW CORNING CORPORATION, US
[85] 2017-01-27
[86] 2014-07-28 (PCT/US2014/048438)
[87] (WO2016/018219)

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[51] **Int.Cl. G03G 15/08 (2006.01)**
[25] EN
[54] **TONER CARTRIDGE, TONER SUPPLYING MECHANISM AND SHUTTER**
[54] **CARTOUCHE DE TONER, MECANISME D'ALIMENTATION EN TONER, ET OBTURATEUR**
[72] KASHIIDE, YOSUKE, JP
[72] KIMURA, TAKASHI, JP
[71] CANON KABUSHIKI KAISHA, JP
[85] 2017-01-27
[86] 2015-07-31 (PCT/JP2015/072438)
[87] (WO2016/017828)
[30] JP (2014-158119) 2014-08-01
[30] JP (2014-158120) 2014-08-01
[30] JP (2015-032063) 2015-02-20

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[51] **Int.Cl. C12N 5/071 (2010.01) G01N 33/53 (2006.01)**
[25] EN
[54] **USE OF SUSD2 PROTEIN AS MARKER**
[54] **UTILISATION D'UNE PROTEINE SUSD2 A TITRE DE MARQUEUR**
[72] DENG, HONGKUI, CN
[72] LIU, HAISONG, CN
[72] ZHU, DICONG, CN
[72] YANG, HUAN, CN
[72] LIANG, ZHEN, CN
[71] PEKING UNIVERSITY, CN
[71] PEKING UNIVERSITY SHENZHEN GRADUATE SCHOOL, CN
[71] BEIJING RUIPU CHENCHUANG TECHNOLOGY CO., LTD, CN
[85] 2017-01-27
[86] 2015-08-04 (PCT/CN2015/085990)
[87] (WO2016/019842)
[30] CN (201410386506.0) 2014-08-07

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[51] **Int.Cl. G05D 1/02 (2006.01)**
[25] EN
[54] **TRAVEL CONTROL DEVICE FOR WORK VEHICLE, AND WORK VEHICLE**
[54] **DISPOSITIF DE COMMANDE DE DEPLACEMENT POUR VEHICULE DE CHANTIER, ET VEHICULE DE CHANTIER**
[72] TANAKA, WATARU, JP
[72] ICHINOSE, MASANORI, JP
[72] SAITO, SHINJIRO, JP
[71] HITACHI CONSTRUCTION MACHINERY CO., LTD., JP
[85] 2017-01-27
[86] 2015-08-20 (PCT/JP2015/073395)
[87] (WO2016/051988)
[30] JP (2014-199440) 2014-09-29

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[54] **AMELIORATIONS APPORTEES A UN DISPOSITIF DE REGLAGE DE JEU RELATIVES A L'ENVIRONNEMENT**
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[72] WRIGHT, ERIC C., US
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[54] **DISPOSITIFS, SYSTEMES ET PROCEDES POUR UN ENTRAINEMENT DE COURONNE EN ROTATION POUR ATHERECTOMIE ROTATIVE**
[72] HIGGINS, JOSEPH PETER, US
[71] CARDIOVASCULAR SYSTEMS, INC., US
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[54] **SECURELY AND EFFICIENTLY PROCESSING TELEPHONE ORDERS**
[54] **TRAITEMENT SUR ET EFFICACE DE COMMANDES TELEPHONIQUES**
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[71] TELEPERFORMANCE, SA, FR
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[54] **ADJUSTING SURVEY POINTS POST-CASING FOR IMPROVED WEAR ESTIMATION**
[54] **AJUSTEMENT DE POINTS DE SONDAGE POST-TUBAGE POUR ESTIMATION AMELIOREE DE L'USURE**
[72] SAMUEL, ROBELLO, US
[72] ANIKET, US
[71] LANDMARK GRAPHICS CORPORATION, US
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[54] **AUTOMATED FOOD PROCESSING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT AUTOMATIQUE D'ALIMENTS**
[72] PINEDA, ELVINE, US
[72] UDOMPHOL, MATTHEW, US
[72] VU, MY, US
[71] NORTH AMERICAN ROBOTICS CORPORATION, US
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[54] **DEVICE, NETWORK, AND METHOD FOR COMMUNICATIONS WITH SPATIAL-SPECIFIC SENSING**
[54] **DISPOSITIF, RESEAU ET PROCEDE DE COMMUNICATION AVEC DETECTION SPATIALEMENT SPECIFIQUE**
[72] LIU, JIALING, US
[72] XIAO, WEIMIN, US
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **TREPAN POURVU D'UNE FACE DE COUPE EN CREUX**
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[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
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[54] **AGING CONTROL OF A SYSTEM ON CHIP**
[54] **CONTROLE DU VIEILLISSEMENT D'UN SYSTEME SUR PUCE**
[72] FAVI, CLAUDIO, CH
[72] MACCHETTI, MARCO, CH
[72] OSEN, KARL, CH
[71] NAGRAVISION S.A., CH
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[54] **TEXTILE ITEM OF CLOTHING WITH BALLISTIC PROTECTION**
[54] **ARTICLE VESTIMENTAIRE TEXTILE EQUIPE D'UNE PROTECTION BALISTIQUE**
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[71] HEXONIA GMBH, DE
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[54] **CONFIGURABLE MONITORING SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE SURVEILLANCE CONFIGURABLES**
[72] BARTON, RICHARD ATHOL, GB
[72] BUNYARD, ADAM GUY, GB
[71] CHARGEPOINT TECHNOLOGY LIMITED, GB
[85] 2017-01-27
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[25] EN
[54] **RAIL VEHICLE HAVING ROLLER CLAMP ASSEMBLY AND TOWING ARM**
[54] **VEHICULE FERROVIAIRE COMPRENANT UN ENSEMBLE PINCE A GALETS ET BRAS DE REMORQUAGE**
[72] KRUSNIAK, MARK S., US
[72] HANSEN, KEVIN A., US
[71] HARSCO TECHNOLOGIES LLC, US
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[54] **WORK VEHICLE AND CONTROL METHOD FOR WORK VEHICLE**
[54] **VEHICULE DE TRAVAIL ET PROCEDE DE COMMANDE D'UN VEHICULE DE TRAVAIL**
[72] KOU, RYUUEN, JP
[72] NISHIJIMA, AKIHARU, JP
[72] KONDOU, SHINYA, JP
[71] KOMATSU LTD., JP
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[25] EN
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[54] **MUTANTS DE RPE65 DE MAMMIFERE A ACTIVITE ISOMEROHYDROLASE ELEVEE**
[72] MA, JIAN-XING, US
[72] TAKAHASHI, YUSUKE, US
[72] MOISEYEV, GENNADIY, US
[71] THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA, US
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[51] **Int.Cl. E01H 5/04 (2006.01) E01H 5/09 (2006.01)**
[25] EN
[54] **SNOW REMOVING DEVICE AND SNOW REMOVING METHOD**
[54] **DISPOSITIF DE DENEIGEMENT ET PROCEDE DE DENEIGEMENT**
[72] TSUCHITOI, MASARU, JP
[71] TSUCHITOI PULSE CO., LTD., JP
[85] 2017-01-27
[86] 2015-07-27 (PCT/JP2015/003736)
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[54] **METHOD FOR MANUFACTURING MEMBER HAVING IRREGULAR PATTERN**
[54] **PROCEDE DE FABRICATION D'UN ELEMENT PRESENTANT UN MOTIF IRREGULIER**
[72] TAKAHASHI, MADOKA, JP
[72] TORIYAMA, SHIGETAKA, JP
[72] SEKI, TAKASHI, JP
[72] SATO, YUSUKE, JP
[71] JX NIPPON OIL & ENERGY CORPORATION, JP
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[54] **DISPOSITIF DOMESTIQUE DE GESTION DE LA MEDICATION**
[72] LEHMANN, CRAIG, US
[72] BRITTELLI, JOHN, US
[71] THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK, US
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[51] **Int.Cl. A61B 17/32 (2006.01)**
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[54] **SYSTEMS, DEVICES, AND METHODS FOR HAIR IMPLANTATION**
[54] **SYSTEMES, DISPOSITIFS ET PROCEDES D'IMPLANTATION CAPILLAIRE**
[72] KEREN, DVIR, IL
[72] SHENHAV, BOAZ, IL
[71] HAIRSTETICS, LTD., IL
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[54] **SYSTEMS AND METHODS FOR PRODUCT PLACEMENT OPTIMIZATION BY SENSING CUSTOMER TRAFFIC IN STORES**
[54] **SYSTEMES ET PROCEDES D'OPTIMISATION DE PLACEMENT DE PRODUITS PAR DETECTION DE CIRCULATION DE CLIENTS DANS DES MAGASINS**
[72] POOLE, THOMAS S., US
[71] CAPITAL ONE FINANCIAL CORPORATION, US
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[54] **REAL-TIME VARIABLE DEPTH OF CUT CONTROL FOR A DOWNHOLE DRILLING TOOL**
[54] **REGULATION DE PROFONDEUR DE COUPE VARIABLE EN TEMPS REEL POUR UN OUTIL DE FORAGE DE FOND DE TROU**
[72] THOMAS, JEFFREY GERARD, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **INTEGRATED COMPUTATIONAL ELEMENTS WITH PLANAR WAVEGUIDE**
[54] **ELEMENTS DE CALCUL INTEGRE AYANT UN GUIDE D'ONDE PLANAIRE**
[72] PERKINS, DAVID L., US
[72] JONES, CHRISTOPHER M., US
[72] PAI, NAGARAJA, US
[72] PELLETIER, MICHAEL T., US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **SYSTEM AND METHOD FOR PROVIDING UNIFIED COMMUNICATIONS AND COLLABORATION (UCC) CONNECTIVITY BETWEEN INCOMPATIBLE SYSTEMS**
[54] **SYSTEME ET PROCEDE D'ETABLISSEMENT DE CONNECTIVITE DE COMMUNICATIONS ET DE COLLABORATION UNIFIEES (UCC) ENTRE DES SYSTEMES INCOMPATIBLES**
[72] CHATURVEDI, SIVAKUMAR R., US
[72] GUNDABATHULA, SATISH, US
[71] DAMAKA, INC., US
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[54] **SYSTEM AND METHOD FOR SUPPLY CHAIN MANAGEMENT**
[54] **SYSTEME ET PROCEDE DE GESTION DE CHAINE D'APPROVISIONNEMENT**
[72] TUCKER, JACOB, US
[72] THAPA, SATYA, US
[71] WAL-MART STORES, INC., US
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[51] **Int.Cl. G06F 17/28 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR PEER-TO-PEER CONNECTIVITY ACROSS FEDERATED DOMAINS**
[54] **SYSTEME ET PROCEDE DE CONNECTIVITE POSTE-A-POSTE ENTRE DES DOMAINES FEDERES**
[72] CHATURVEDI, SIVAKUMAR, US
[72] GUNDABATHULA, SATISH, US
[71] DAMAKA, INC., US
[85] 2017-01-26
[86] 2015-08-04 (PCT/US2015/043633)
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[54] **ELECTRICAL TERMINAL**
[54] **BORNE ELECTRIQUE**
[72] LAWSON, CRAIG E., US
[71] HUBBELL INCORPORATED, US
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[87] (WO2016/019043)
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[51] **Int.Cl. A61L 9/12 (2006.01)**
[25] EN
[54] **AIR FRESHENER DISPENSERS, CARTRIDGES THEREFOR, SYSTEMS, AND METHODS**
[54] **DISTRIBUTEURS D'ASSAINISSEUR D'AIR, CARTOUCHES, SYSTEMES ET PROCEDES ASSOCIES**
[72] PETERSON, ERIC PAUL, US
[72] LAPPI, TODD RICHARD, US
[72] D'AMICO, DANIEL M., US
[72] CARIGNAN, RYAN DAVID, US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
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[54] **PUMP LINER**
[54] **CHEMISAGE DE POMPE**
[72] LUM, MICHAEL, AU
[72] DOOLEY, COLIN ROBERT, AU
[71] WEIR MINERALS AUSTRALIA LTD, AU
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[25] EN
[54] **SYSTEM AND METHOD USING A COMBINED MODALITY OPTICAL PROBE**
[54] **SYSTEME ET PROCEDE UTILISANT UNE SONDE OPTIQUE A MODALITES COMBINEES**
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] PIRON, CAMERON ANTHONY, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
[85] 2017-01-27
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[25] EN
[54] **PYRIDINYLAMINOPYRIMIDINE DERIVATIVES, PREPARATION PROCESS AND USE THEREOF**
[54] **DERIVE DE PYRIDINE AMIDOPYRIMIDINE, SON PROCEDE DE PREPARATION ET UTILISATION**
[72] LUO, HUIBING, CN
[72] ZHOU, HUAYONG, CN
[72] WANG, SHUHUI, CN
[72] WU, YONG, CN
[71] SHANGHAI ALLIST PHARMACEUTICALS, INC., CN
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[30] CN (201410365911.4) 2014-07-29

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[51] **Int.Cl. A61B 17/34 (2006.01) A61M 1/10 (2006.01) A61M 29/00 (2006.01)**
[25] EN
[54] **CORING DILATOR FOR DEFINING AN APERTURE IN A TISSUE WALL**
[54] **DILATATEUR DE CAROTTAGE POUR DEFINIR UNE OUVERTURE DANS UNE PAROI TISSULAIRE**
[72] STANFIELD, RYAN J., US
[72] LONG, JAMES W., US
[71] VADOVATIONS, INC., US
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[25] EN
[54] **ARRANGING A TRANSPORT SERVICE FOR MULTIPLE USERS**
[54] **AGENCEMENT D'UN SERVICE DE TRANSPORT POUR DE MULTIPLES UTILISATEURS**
[72] HAYAMA, HIROKI, US
[72] NOVAK, KEVIN, US
[72] HESTER, JONATHAN, US
[71] UBER TECHNOLOGIES, INC., US
[85] 2017-01-27
[86] 2015-07-30 (PCT/US2015/043001)
[87] (WO2016/019189)
[30] US (61/999,622) 2014-07-30
[30] US (14/814,338) 2015-07-30

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[25] EN
[54] **SYSTEMS AND METHODS FOR DEMAND TRACKING IN A RETAIL ENVIRONMENT**
[54] **SYSTEMES ET PROCEDES DE SUIVI DE DEMANDE DANS UN ENVIRONNEMENT DE VENTE AU DETAIL**
[72] VANN, DAVID L., US
[72] TAYLOR, ROBERT J., US
[72] JONES, NICHOLAUS A., US
[72] JONES, MATTHEW ALLEN, US
[72] SHIELDS, DANIEL R., US
[71] WAL-MART STORES, INC., US
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[30] US (62/030,909) 2014-07-30

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[51] **Int.Cl. H01R 25/00 (2006.01) H01R 25/14 (2006.01)**
[25] EN
[54] **ELECTRICAL BUSWAY SPLICE CONNECTOR**
[54] **CONNECTEUR D'EPISSURE DE BARRE ELECTRIQUE SOUS GAINE**
[72] JAENA, MARIO L., US
[72] GULKAROV, VLADIMIR, US
[72] FOLK, ISAAC, US
[71] POWER DISTRIBUTION, INC., US
[85] 2017-01-27
[86] 2015-07-30 (PCT/US2015/042945)
[87] (WO2016/019161)
[30] US (14/448,043) 2014-07-31

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[13] A1
[51] **Int.Cl. A23C 9/12 (2006.01)**
[25] EN
[54] **FOOD PRODUCT HAVING HIGH MILK PROTEIN CONTENT AND PROCESS OF MAKING SAME**
[54] **PRODUIT ALIMENTAIRE A FORTE TENEUR EN PROTEINES LAITIERES ET SON PROCEDE DE FABRICATION**
[72] JIMENEZ-FLORES, RAFAEL, US
[72] LAUBSCHER, ANDREA M., US
[71] CAL POLY CORPORATION, US
[85] 2017-01-27
[86] 2015-07-31 (PCT/US2015/043183)
[87] (WO2016/022425)
[30] US (62/032,537) 2014-08-02

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[51] **Int.Cl. B26B 19/04 (2006.01) B26B 19/10 (2006.01)**
[25] EN
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[54] **RASOIR ELECTRIQUE**
[72] PROVOLO, DANIEL JOHN, US
[72] MAGUIRE, RICHARD KIRK, US
[72] TETEAK, DANIEL RICHARD, US
[72] SCHNEIDER, PAUL ANTHONY, US
[72] XUAN, WANG, CN
[72] WONG, JOHN Y M., CN
[71] SPECTRUM BRANDS, INC., US
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[87] (WO2016/019326)
[30] US (62/031,548) 2014-07-31

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[51] **Int.Cl. G01N 33/50 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR DIAGNOSING, PROGNOSING, AND CONFIRMING PREECLAMPSIA**
[54] **PROCEDES ET COMPOSITIONS POUR DIAGNOSTIQUER, PRONOSTIQUER ET CONFIRMER UNE PRE-ECLAMPSIE.**
[72] COOPER, MATTHEW, US
[72] HESTERBERG, LYNDAL, US
[72] KUNKEL, ERIC, US
[72] HYTOPOULOS, EVANGELOS, US
[72] SCHWARTZ, KIMBERLY, US
[71] COOPER, MATTHEW, US
[71] HESTERBERG, LYNDAL, US
[71] KUNKEL, ERIC, US
[71] HYTOPOULOS, EVANGELOS, US
[71] SCHWARTZ, KIMBERLY, US
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[54] **COMPOSITION COMPRISING POLYGLUCOSAMINE-GLYOXYLATE SOLUTIONS MIXED WITH HYALURONAN**
[54] **COMPOSITION COMPRENANT DES SOLUTIONS DE POLYGLUCOSAMINE-GLYOXYLATE MELANGEES AVEC DE L'HYALURONANE**
[72] SELMANI, AMINE, CA
[72] CHENITE, ABDELLATIF, CA
[71] OLIGO MEDIC INC., CA
[85] 2017-01-27
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[51] **Int.Cl. C08B 15/04 (2006.01) A61K 8/73 (2006.01) G01K 11/16 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING FUNCTIONALIZED NANOCRYSTALLINE CELLULOSE AND FUNCTIONALIZED NANOCRYSTALLINE CELLULOSE THEREBY PRODUCED**
[54] **PROCEDE DE PRODUCTION DE CELLULOSE NANOCRISTALLINE FONCTIONNALISEE ET CELLULOSE NANOCRISTALLINE FONCTIONNALISEE AINSI PRODUITE**
[72] ANDREWS, MARK P., CA
[72] MORSE, TIMOTHY, CA
[71] ANOMERA INC., CA
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[25] EN
[54] **COUPLING**
[54] **ACCESSOIRE D'ACCOUPLEMENT**
[72] HORIMOTO, AKIRA, JP
[71] SAKURA RUBBER CO., LTD., JP
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[25] EN
[54] **FORWARD OSMOSIS MEMBRANE AND FORWARD OSMOSIS TREATMENT SYSTEM**
[54] **MEMBRANE D'OSMOSE DIRECTE ET SYSTEME DE TRAITEMENT A OSMOSE DIRECTE**
[72] MORITA, TORU, JP
[72] KANEDA, MASAYUKI, JP
[72] YASUKAWA, MASAHIRO, JP
[72] MATSUYAMA, HIDETO, JP
[71] ASAHI KASEI KABUSHIKI KAISHA, JP
[71] NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY, JP
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[54] **WEB REDIRECTION FOR CONTENT SCANNING**
[54] **REDIRECTION WEB POUR L'EXPLORATION DE CONTENU**
[72] MARTINI, PAUL MICHAEL, US
[72] MARTINI, PETER ANTHONY, US
[71] IBOSS, INC., US
[85] 2017-01-27
[86] 2015-07-30 (PCT/US2015/042995)
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[25] EN
[54] **LATCH RING FOR CASING HANGER IN CASING HEAD**
[54] **BAGUE DE VERROUILLAGE POUR UN DISPOSITIF DE SUSPENSION DE TUBAGE DANS UNE TETE DE TUBAGE**
[72] CAIN, BRANDON M., US
[72] MCGINNIS, JASON A., US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-01-27
[86] 2015-08-03 (PCT/US2015/043363)
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[25] EN
[54] **METHOD AND COMPONENTS FOR FENCE/POST INSTALLATION**
[54] **PROCEDE ET COMPOSANTS DE POSE DE CLOTURE/POTEAUX**
[72] HEDLEY, ROBERT IAN, AU
[71] JUSTOY PTY LIMITED, AU
[85] 2017-01-27
[86] 2015-08-18 (PCT/AU2015/050472)
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[30] AU (2014903219) 2014-08-18

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[54] **REFORMABLE GUIDEWIRE TIP**
[54] **POINTE DE FIL-GUIDE POUVANT ETRE REFORMEE**
[72] ASMUS, BRUCE H., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2017-01-27
[86] 2015-08-04 (PCT/US2015/043521)
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[25] EN
[54] **ELECTRIC LIGHTING DEVICES**
[54] **DISPOSITIFS D'ECLAIRAGE ELECTRIQUES**
[72] PATTON, DOUGLAS, US
[72] LABELLE, JAMES, US
[72] THOMPSON, JEFFREY, US
[71] LUMINARA WORLDWIDE, LLC, US
[85] 2017-01-27
[86] 2015-08-05 (PCT/US2015/043860)
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[30] US (62/033,307) 2014-08-05
[30] US (62/033,294) 2014-08-05
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[30] US (62/046,113) 2014-09-04
[30] US (62/063,808) 2014-10-14
[30] US (62/076,534) 2014-11-07
[30] US (62/089,089) 2014-12-08
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[54] **A STRUCTURAL CONNECTOR**
[54] **CONNECTEUR STRUCTURAL**
[72] MONTY, STEPHEN, AU
[72] BURCHELL, MICHAEL, AU
[71] BURMON HOLDINGS PTY LTD, AU
[85] 2017-01-27
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[25] EN
[54] **NON-ORIENTED ELECTROMAGNETIC STEEL PLATE AND PRODUCTION METHOD THEREFOR, AND MOTOR CORE AND PRODUCTION METHOD THEREFOR**
[54] **PLAQUE D'ACIER ELECTROMAGNETIQUE NON ORIENTE ET SON PROCEDE DE PRODUCTION ET NOYAU DE MOTEUR ET SON PROCEDE DE PRODUCTION**
[72] OKUBO, TOMOYUKI, JP
[72] NAKANISHI, TADASHI, JP
[72] ODA, YOSHIHIKO, JP
[72] KOSEKI, SHINJI, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-01-30
[86] 2015-06-01 (PCT/JP2015/065761)
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[30] JP (2014-155899) 2014-07-31
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[25] EN
[54] **MEDICAMENT INFUSION SYSTEM AND PUMP ASSEMBLY FOR USE THEREIN**
[54] **SYSTEME A PERFUSION DE MEDICAMENT ET ENSEMBLE POMPE DESTINE A ETRE UTILISE EN SON SEIN**
[72] BLOMQUIST, MICHAEL L., US
[71] SMITHS MEDICAL ASD, INC., US
[85] 2017-01-30
[86] 2015-06-29 (PCT/US2015/038309)
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[54] **DRILLING COMPONENT RETENTION SYSTEM AND METHOD**
[54] **SYSTEME DE RETENUE DE COMPOSANTS DE FORAGE ET PROCEDE**
[72] GREENING, DOUG CHRISTIAN, CA
[72] BOWLEY, RYAN THOMAS, CA
[71] TESCO CORPORATION, US
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[54] **NONINVASIVE BODY FLUID STRESS SENSING**
[54] **DETECTION DE STRESS DE FLUIDE CORPOREL NON INVASIF**
[72] LABELLE, JEFFREY, US
[72] HAKIMI, TINA, US
[72] HASELWOOD, BRITTNEY, US
[71] ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY, US
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[51] **Int.Cl. C07D 417/06 (2006.01) A61K 31/554 (2006.01) A61P 9/04 (2006.01) A61P 9/06 (2006.01) A61P 9/10 (2006.01)**
[25] EN
[54] **OPTICAL ISOMER OF 1,4-BENZOTHIAZEPINE-1-OXIDE DERIVATIVE, AND PHARMACEUTICAL COMPOSITION PREPARED USING SAME**
[54] **ISOMERE OPTIQUE DE DERIVE DE 1,4-BENZOTHIAZEPINE-1-OXYDE, ET COMPOSITION PHARMACEUTIQUE PREPAREE A L'AIDE DE CELUI-CI**
[72] KANEKO, NOBORU, JP
[71] AETAS PHARMA CO., LTD., JP
[71] KANEKO, NOBORU, JP
[85] 2017-01-30
[86] 2015-07-17 (PCT/JP2015/070488)
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[51] **Int.Cl. B29C 55/04 (2006.01) C08G 63/08 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING ARTICLES FORMED FROM POLYLACTIC ACID AND ARTICLES MADE THEREFROM**
[54] **PROCEDE DE FABRICATION D'ARTICLES FORMES A PARTIR D'ACIDE POLYLACTIQUE ET ARTICLES FABRIQUES A PARTIR DE CELUI-CI**
[72] SBRIGLIA, GUY A., US
[72] GORE, SCOTT A., US
[71] W. L. GORE & ASSOCIATES, INC., US
[85] 2017-01-30
[86] 2015-07-29 (PCT/US2015/042561)
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[30] US (62/030,408) 2014-07-29
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[25] EN
[54] **SCALABLE SILICON ANODES AND THE ROLE OF PARYLENE FILMS IN IMPROVING ELECTRODE PERFORMANCE CHARACTERISTICS IN ENERGY STORAGE SYSTEMS**
[54] **ANODES AU SILICIUM EVOLUTIVES ET ROLE DE FILMS DE PARYLENE DANS L'AMELIORATION DE CARACTERISTIQUES DE PERFORMANCES D'ELECTRODE DANS DES SYSTEMES DE STOCKAGE D'ENERGIE**
[72] MUKHERJEE, RAHUL, US
[72] SINGH, EKLAVYA, US
[72] KORATKAR, NIKHIL, US
[72] LU, TOH-MING, US
[71] RENSSELAER POLYTECHNIC INSTITUTE, US
[85] 2017-01-30
[86] 2015-07-29 (PCT/US2015/042635)
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[54] **SYSTEM AND METHOD FOR OPTOGENETIC THERAPY**
[54] **SYSTEME ET PROCEDE POUR THERAPIE OPTOGENETIQUE**
[72] TOWNE, CHRISTOPHER L., US
[72] KAPLITT, MICHAEL, US
[72] DELP, SCOTT, US
[72] DEISSEROTH, KARL, US
[72] ANGELEY, DAVID, US
[72] STAHLER, GREG (DECEASED), ZZ
[72] ANDERSEN, DAN, US
[72] LUNDMARK, DAVID C., US
[71] CIRCUIT THERAPEUTICS, INC., US
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[86] 2015-07-29 (PCT/US2015/042758)
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[25] EN
[54] **FASTENERS**
[54] **ELEMENTS DE FIXATION**
[72] BROWN, IAN WARREN, AU
[71] INTEGRITY ENGINEERING SOLUTIONS PTY LTD, AU
[85] 2017-01-30
[86] 2015-07-30 (PCT/AU2015/000452)
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[54] **POLYOXAZOLINE ANTIBODY DRUG CONJUGATES**
[54] **CONJUGUES ANTICORPS-MEDICAMENT DE POLYOXAZOLINE**
[72] MOREADITH, RANDALL, US
[72] BENTLEY, MICHAEL, US
[72] FANG, ZHIHAO, US
[72] VIEGAS, TACEY, US
[71] SERINA THERAPEUTICS, INC., US
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[54] **VACUUM-ASSISTED PLASMA SEPARATION**
[54] **SEPARATION DE PLASMA ASSISTEE PAR LE VIDE**
[72] WILSON, MICHAEL S., US
[72] LI, JAY, US
[72] GALANO, KENNETH P., US
[71] SIEMENS HEALTHCARE DIAGNOSTICS INC., US
[85] 2017-01-30
[86] 2015-07-30 (PCT/US2015/042838)
[87] (WO2016/019113)
[30] US (62/031,908) 2014-08-01

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[51] **Int.Cl. C07K 14/47 (2006.01) C12N 5/07 (2010.01) B01D 9/02 (2006.01) B01D 21/26 (2006.01) C07K 1/30 (2006.01) C12N 15/10 (2006.01)**
[25] EN
[54] **METHODS FOR THE ISOLATION OF EXTRACELLULAR VESICLES AND OTHER BIOPARTICLES FROM URINE AND OTHER BIOFLUIDS**
[54] **PROCEDES D'ISOLATION DE VESICULES EXTRACELLULAIRE ET D'AUTRES BIOPARTICULES PROVENANT DE L'URINE ET D'AUTRES FLUIDES BIOLOGIQUES**
[72] PENDERGRAST, P. SHANNON, US
[72] PENDERGRAST, R. SCOTT, US
[72] PENDERGRAST, J. STEPHEN, US
[72] MARKOWSKA, ANNA IRMINA, US
[71] YMIR GENOMICS LLC, US
[85] 2017-01-30
[86] 2015-08-05 (PCT/US2015/043768)
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[30] US (62/033,644) 2014-08-05
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[51] **Int.Cl. B65G 1/137 (2006.01)**
[25] EN
[54] **ORDER FULFILLMENT TECHNIQUE**
[54] **TECHNIQUE D'EXECUTION DE COMMANDE**
[72] SCHUBILSKE, MARTIN E., US
[71] DEMATIC CORP., US
[85] 2017-01-30
[86] 2015-08-04 (PCT/US2015/043591)
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[30] US (62/032,920) 2014-08-04

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[51] **Int.Cl. C07D 215/22 (2006.01) C07D 221/04 (2006.01)**
[25] EN
[54] **COFORMER SALTS OF (2S,3S)-METHYL 7-FLUORO-2-(4-FLUOROPHENYL)-3-(1-METHYL-1H-1,2,4-TRIAZOL-5-YL)-4-OXO-1,2,3,4-TETRAHYDROQUINOLINE-5-CARBOXYLATE AND METHODS OF PREPARING THEM**
[54] **SELS CONFORMERES DE 7-FLUORO-2-(4-FLUOROPHENYL)-3-(1-METHYL-1H-1,2,4-TRIAZOL-5-YL)-4-OXO-1,2,3,4-TETRAHYDROQUINOLEINE-5-CARBOXYLATE DE (2S,3S)-METHYLE ET LEURS PROCEDES DE PREPARATION**
[72] HENDERSON, MARK, US
[72] CAMPBELL, COLM, US
[72] JAGUSCH, CARSTEN, DE
[72] HERZ, CHRISTIAN KLAUS, DE
[72] BAUER, NICO, DE
[72] BONNAUD, THIERRY, GB
[72] LAMBERT, OLIVIER, GB
[71] MEDIVATION TECHNOLOGIES, INC., US
[85] 2017-01-30
[86] 2015-07-30 (PCT/US2015/042867)
[87] (WO2016/019125)
[30] US (62/031,521) 2014-07-31

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[25] EN
[54] **BIOCHIPS TO DIAGNOSE HEMOGLOBIN DISORDERS AND MONITOR BLOOD CELLS**
[54] **BIOPUCES POUR DIAGNOSTIQUER DES TROUBLES DE L'HEMOGLOBINE ET SURVEILLER LES CELLULES SANGUINES**
[72] GURKAN, UMUT A., US
[72] ALAPAN, YUNUS, US
[72] LITTLE, JANE, US
[72] PICCONE, CONNIE, US
[72] UNG, RYAN DANG-QUAN, US
[71] CASE WESTERN RESERVE UNIVERSITY, US
[85] 2017-01-30
[86] 2015-07-30 (PCT/US2015/042907)
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[30] US (62/030,964) 2014-07-30

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[51] **Int.Cl. A61K 31/437 (2006.01) A61K 39/39 (2006.01) C07D 471/04 (2006.01)**
[25] EN
[54] **METHODS AND THERAPEUTIC COMBINATIONS FOR TREATING TUMORS**
[54] **METHODES ET COMBINAISONS THERAPEUTIQUES DE TRAITEMENT DE TUMEURS**
[72] VASILAKOS, JOHN, US
[72] OVERWIJK, WILLEM, US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
[71] BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM, US
[85] 2017-01-30
[86] 2015-07-31 (PCT/US2015/043095)
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[30] US (62/032,149) 2014-08-01

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[25] EN
[54] **AN ANTAGONISTIC PD-1 APTAMER AND ITS APPLICATIONS IN CANCER THERAPY RELATED APPLICATIONS**
[54] **APTAMERE PD -1 ANTAGONISTE ET SES APPLICATIONS DANS DES APPLICATIONS LIEES AU TRAITEMENT ANTI-CANCEREUX**
[72] YANG, PAN-CHYR, TW
[72] CHANG, YI-CHUNG, TW
[72] LAI, WEI-YUN, TW
[71] ACADEMIA SINICA, TW
[71] NATIONAL TAIWAN UNIVERSITY, TW
[85] 2017-01-30
[86] 2015-07-31 (PCT/US2015/043162)
[87] (WO2016/019270)
[30] US (62/031,427) 2014-07-31

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[25] EN
[54] **METHODS AND SYSTEMS FOR ELECTRONIC TRANSACTIONS**
[54] **PROCEDES ET SYSTEMES POUR TRANSACTIONS ELECTRONIQUES**
[72] ROSS, JERRY, US
[71] GLOBEONE, LLC, US
[85] 2017-01-30
[86] 2015-07-31 (PCT/US2015/043238)
[87] (WO2016/019310)
[30] US (62/031,418) 2014-07-31
[30] US (62/104,128) 2015-01-16

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[51] **Int.Cl. G01J 3/10 (2006.01) G01J 3/433 (2006.01)**
[25] FR
[54] **DEVICE AND METHOD FOR WAVELENGTH VARIATION OF AT LEAST ONE LIGHT SOURCE FOR DERIVATIVE SPECTROSCOPY**
[54] **DISPOSITIF ET PROCEDE DE VARIATION DE LONGUEUR D'ONDE D'AU MOINS UNE SOURCE LUMINEUSE POUR SPECTROSCOPIE PAR DERIVEES**
[72] NCIRI, MEJDI, FR
[72] BELARBRE, ERIC CHRISTIAN, FR
[72] LEUNG, HENRI, FR
[71] ARCHIMEJ TECHNOLOGY, FR
[85] 2017-01-30
[86] 2015-07-13 (PCT/EP2015/065937)
[87] (WO2016/020145)
[30] FR (1457699) 2014-08-08

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[54] **FERMETURE ET BAGUE POUR EMBALLAGE DE PETITE TAILLE POUR BOISSONS GAZEUSES PRESENTANT DES PROPRIETES DE DUREE DE VIE AMELIOREES**
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[72] GEHINDY, FRANK, DE
[72] BRAUER, LOTHAR, DE
[72] SHI, SIMON, US
[71] THE COCA-COLA COMPANY, US
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[71] FIRETRACE USA, LLC, US
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[54] **SYSTEM AND METHOD FOR ANALYZING DUSTY INDUSTRIAL OFF-GAS CHEMISTRY**
[54] **SYSTEME ET PROCEDE D'ANALYSE DE CHIMIE DES GAZ DE DEGAGEMENT INDUSTRIELS POUSSIEREUX**
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[72] ZULIANI, DOUGLAS J., CA
[72] PAL, AVISHEKH, CA
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[54] **METHOD AND APPARATUS FOR DETECTING A SPEED AND A DISTANCE OF AT LEAST ONE OBJECT WITH RESPECT TO A RECEIVER OF A RECEPTION SIGNAL**
[54] **PROCEDE ET DISPOSITIF DE DETECTION D'UNE VITESSE ET D'UNE DISTANCE D'AU MOINS UN OBJET PAR RAPPORT A UN RECEPTEUR D'UN SIGNAL DE RECEPTION**
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[71] JENOPTIK ROBOT GMBH, DE
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[54] **CHARGE D'ALIMENTATION PRE-FORMULEE EN FORME DE POUDRE**
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[72] LIU, JING, US
[72] NESTLER, MONTIA, US
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[72] FORSTER, JAMES W., US
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[54] **UNE METHODE DE PRODUCTION DE DIOXYDE DE CHLORE A BASE DE PEROXYDE D'HYDROGENE A GENERATEUR VERTICAL**
[72] WANG, SHUANGFEI, CN
[72] XU, CUISHENG, CN
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[72] WALLACE, ELI M., US
[72] ZHAO, QIAN, US
[72] LYSSIKATOS, JOSEPH P., US
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[54] **POPULATIONS DE CELLULES PRESENTANT UNE ACTIVITE IMMUNOREGULATRICE, PROCEDE POUR ISOLER CES POPULATIONS DE CELLULES, ET LEURS UTILISATIONS**
[72] BUSCHER, DIRK, ES
[72] GONZALEZ DE LA PENA, MANUEL ANGEL, ES
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[72] MACIULEWICZ, STEPHEN M., US
[72] BOROS, JOZEF, US
[71] RHEEM MANUFACTURING COMPANY, US
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[54] **PALE POUR COMPRESSEUR AXIAL ET PROCEDE DE FABRICATION CONNEXE**
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[72] PUERTA, LUIS FEDERICO, CH
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[54] **ANALYSEUR SUPERIEUR POUR SPECTRES RAMAN A RENDEMENT QUANTIQUE ELEVE, RENDEMENT DE TRANSMISSION ELEVE, RENDEMENT DE RESOLUTION ELEVE ET CONE D'ADMISSION A RENDEMENT ELEVE, ET REDUCTION PUISSANTE D'ARRIERE-PLAN**
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[54] **SYSTEME ELECTRIQUE MOBILE ET MODULAIRE UTILISE POUR FRACTURER DES FORMATIONS SOUTERRAINES**
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[21] **2,956,147**
[13] A1
[51] **Int.Cl. F25B 15/02 (2006.01) B60H 1/14 (2006.01) B60H 1/32 (2006.01) B60K 11/00 (2006.01) F02G 5/02 (2006.01) F25B 15/12 (2006.01) F25B 27/02 (2006.01) F25B 30/04 (2006.01) F25B 41/04 (2006.01) F25B 49/04 (2006.01) F28D 7/10 (2006.01)**
[25] EN
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[72] STANNARD, JOHN HAMILTON, CA
[72] GIBBS, DAVID ROBERT, CA
[72] BACHALO, CHRISTOPHER, CA
[71] ENERMOTION INC., CA
[22] 2011-03-30
[41] 2011-10-06
[62] 2,773,775
[30] US (61/319,923) 2010-04-01

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[21] **2,956,236**
[13] A1
[51] **Int.Cl. E21B 29/06 (2006.01) E21B 17/00 (2006.01)**
[25] EN
[54] **CASING WINDOW ASSEMBLY**
[54] **SYSTEME DE FENETRE D'ENCEINTE**
[72] STEELE, DAVID JOE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[22] 2012-04-04
[41] 2013-10-10
[62] 2,868,535

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[21] **2,956,365**
[13] A1
[51] **Int.Cl. F01D 5/14 (2006.01) F04D 29/32 (2006.01) F04D 29/38 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE AIRFOIL SHAPED COMPONENT**
[54] **COMPOSANT DE MOTEUR A TURBINE A GAZ A PROFIL AERODYNAMIQUE**
[72] POWER, BRONWYN, US
[71] ROLLS-ROYCE CORPORATION, US
[22] 2011-12-28
[41] 2012-06-28
[62] 2,762,785
[30] US (61/427,720) 2010-12-28
[30] US (13/337,109) 2011-12-24

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[21] **2,956,374**
[13] A1
[51] **Int.Cl. A23C 9/18 (2006.01)**
[25] EN
[54] **METHOD FOR MANUFACTURING SOLID MILK**
[54] **PROCEDE DE FABRICATION DE LAIT A L'ETAT SOLIDE**
[72] TOYODA, IKURU, JP
[72] SHIBATA, MITSUHO, JP
[72] OHTSUBO, KAZUMITSU, JP
[71] MEIJI CO., LTD., JP
[22] 2009-12-25
[41] 2010-07-01
[62] 2,763,673
[30] JP (2008-335155) 2008-12-26

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[21] **2,956,427**
[13] A1
[51] **Int.Cl. A61N 1/36 (2006.01) A61B 5/11 (2006.01) A61H 99/00 (2006.01)**
[25] EN
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[54] **SYSTEMES DE STIMULATION ELECTRIQUE FONCTIONNELLE AMELIORES**
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[72] SPRINGER, SHMUEL, IL
[72] RUBIN, MARK, IL
[72] DAR, AMIT, IL
[71] BIONESS NEUROMODULATION LTD., IL
[22] 2007-05-01
[41] 2007-11-08
[62] 2,649,663
[30] US (60/746,060) 2006-05-01
[30] US (60/805,359) 2006-06-21
[30] IL (PCT/IL2006/001326) 2006-11-16

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[21] **2,956,502**
[13] A1
[51] **Int.Cl. A61F 2/82 (2013.01) A61F 2/07 (2013.01) A61F 2/04 (2013.01)**
[25] EN
[54] **IMPLANTABLE INTRALUMENAL DEVICE**
[54] **DISPOSITIF INTRALUMINAL IMPLANTABLE**
[72] JOHNSON, MATTHEW A., US
[71] W.L. GORE & ASSOCIATES, INC., US
[22] 2014-03-04
[41] 2014-07-10
[62] 2,895,413
[30] US (61/748,881) 2013-01-04

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[21] **2,956,516**
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[51] **Int.Cl. B63B 1/20 (2006.01) B63B 1/04 (2006.01) B63B 13/00 (2006.01) B63B 39/02 (2006.01)**
[25] EN
[54] **MARINE VESSEL HULL**
[54] **COQUE DE BATEAU**
[72] TURNER, JAMES FREDERICK, CA
[71] TURNER, JAMES FREDERICK, CA
[22] 2014-10-29
[41] 2016-04-29
[62] 2,869,538

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[13] A1
[51] **Int.Cl. C12P 19/60 (2006.01) C07H 17/04 (2006.01) C12P 19/14 (2006.01) C12P 19/18 (2006.01)**
[25] EN
[54] **PARTICULATE COMPOSITION CONTAINING ANHYDROUS CRYSTALLINE 2-O-.ALPHA.-D-GLUCOSYL-L-ASCORBIC ACID, PROCESS FOR PRODUCING THE SAME, AND USES THEREOF**
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[72] NISHIMOTO, TOMOYUKI, JP
[72] FUKUDA, SHIGEHARU, JP
[72] MIYAKE, TOSHIO, JP
[71] HAYASHIBARA CO., LTD., JP
[22] 2010-09-03
[41] 2011-03-03
[62] 2,714,377
[30] JP (2009-204142) 2009-09-03
[30] JP (2009-298857) 2009-12-28
[30] JP (2010-117835) 2010-05-21
[30] JP (2010-190139) 2010-08-26

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[21] **2,956,644**
[13] A1
[51] **Int.Cl. E01F 15/02 (2006.01) E01F 15/14 (2006.01)**
[25] EN
[54] **END TREATMENTS AND TRANSITIONS FOR WATER-BALLASTED PROTECTION BARRIER ARRAYS**
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[72] ALMANZA, FELIPE, US
[72] SMITH, JEREMY, US
[71] TRAFFIX DEVICES, INC., US
[22] 2012-02-10
[41] 2012-08-16
[62] 2,825,965
[30] US (61/442,091) 2011-02-11

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[21] **2,956,645**
[13] A1
[51] **Int.Cl. C12Q 1/02 (2006.01) C12Q 1/00 (2006.01) C40B 30/06 (2006.01)**
[25] EN
[54] **SENSITIVE AND RAPID BIODETECTION**
[54] **BIODETECTION SENSIBLE ET RAPIDE**
[72] GOLDBERG, DAVID A., US
[72] HOWSON, DAVID C., US
[72] METZGER, STEVEN W., US
[72] BUTTRY, DANIEL A., US
[72] SAAVEDRA, STEVEN SCOTT, US
[71] ACCELERATE DIAGNOSTICS, INC., US
[22] 2004-07-08
[41] 2005-03-31
[62] 2,532,414
[30] US (60/486,605) 2003-07-12
[30] US (60/571,479) 2004-05-13

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[21] **2,956,653**
[13] A1
[51] **Int.Cl. E01F 15/02 (2006.01) E01F 15/14 (2006.01)**
[25] EN
[54] **END TREATMENTS AND TRANSITIONS FOR WATER-BALLASTED PROTECTION BARRIER ARRAYS**
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[72] SMITH, JEREMY, US
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[22] 2012-02-10
[41] 2012-08-16
[62] 2,825,965
[30] US (61/442,091) 2011-02-11

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CRISTOFARO, ALFIO 2,705,646
CRISTOFARO, ALFIO 2,705,649
CRISTOFARO, ALFIO 2,705,666
CROSIGNANI, STEFANO 2,696,565
CYTEC TECHNOLOGY CORP. 2,744,137
D B INDUSTRIES, LLC 2,750,961
D'ANIELLO, ENRICO 2,759,674
D'ANIELLO, SALVATORE 2,759,674
DA SILVA DIAS, PEDRO MAURICIO 2,684,272
DAGHISH, MOHAMMED 2,788,417
DAIMER, JOHANN 2,775,154
DALMAU REQUEJO, XAVIER 2,883,911
DAS, SOMNATH 2,745,594
DATTA, KESHAVA 2,728,536
DATZ, R. MICHAEL 2,714,447
DE ANGELIS, MARIA 2,657,899
DE JONG, MICHAEL 2,735,474
DE ZEEUW, ARD 2,741,729
DEANE, ERIC RYAN 2,870,742
DECKENBACH, WOLFGANG 2,781,990
DECKER, ELDON L. 2,886,691
DECRISTOFORO, MARTIN 2,665,347
DEHAN, CHRISTOPHE 2,876,056
DEL RIO FERNANDEZ, JOAQUIN 2,769,228
DELANY, ANTHONY 2,685,629
DELL, IAN THOMAS 2,699,446
DELRAHIM, JOE 2,725,168
DENG, YUANJIAN 2,673,838
DESAI, PRAFUL 2,671,235
DEUTSCHES KREBSFORSCHUNGSZENTRUM 2,838,458
DEVIC, THOMAS 2,720,008
DEVILLE, DEREK DEE 2,699,481
DEVINE, STEVEN T 2,668,145
DHOLAKIA, KISHAN 2,734,722
DI CAGNO, RAFFAELLA 2,657,899
DIALLO, MAMADOU S. 2,715,335
DIEZ CERVANTES, JOSE MARIA 2,911,575
DIMARCHI, RICHARD D. 2,747,490
DINESCU, LIVIU 2,750,143
DINU, CONSTANTIN 2,702,576
DITTRICH, DAVID JOHN 2,868,222
DIXON, RUTH 2,757,108
DKIDAK, AICHA 2,839,953
DODD, MARK C. 2,851,048
DOFHER, DARREN 2,685,547
DOI, YOSHIYUKI 2,884,318
DONALD, SCOTT F. 2,861,918
DORSEY, DOUGLAS V. 2,884,661
DOW GLOBAL TECHNOLOGIES LLC 2,775,930
DOW GLOBAL TECHNOLOGIES LLC 2,839,031
DOWD, BRIAN 2,737,590
DOYLE, MARC 2,744,137
DRAGON GROUP LLC 2,868,715
DRAPER, JENNIFER D. 2,850,538
DRESBACK, DAVID S. 2,743,419
DROCHON, BRUNO 2,809,431
DROZT, PETER M. 2,823,135
DRUMMOND, ALEC 2,751,381
DSM IP ASSETS B.V. 2,731,983
DSM NUTRITIONAL PRODUCTS AG 2,611,324
DUBIC, MICHAEL G. 2,637,543
DUFFY, SEAN G. 2,710,918
DUNN, MALCOLM HARRY 2,731,163
DUQUETTE, STEVEN 2,647,626
DURAND, FREDERIC 2,698,325
DURANT, YVON 2,724,539
DUVEKOT, JOOST CORNELIS 2,724,825
DWIVEDI, BASANT K. 2,758,755
DYBEVIK, ARTHUR HERMAN 2,761,789
EADE, ETHAN 2,812,723
EADE, ETHAN 2,870,381
EBLANKS AS 2,773,221
ECOLAB USA INC. 2,810,758
EDGECRAFT CORPORATION 2,915,035
EDIFIRE LLC 2,906,470
EDWARDS INNOVATIONS LIMITED 2,728,667
EDWARDS, CARL M. 2,827,264
EDWARDS, DAVID BRIAN 2,728,667
EDWARDS, JEFFREY CHARLES 2,737,381
EGEN, MARC 2,727,299
EICHHORST, KEVIN CLARE 2,875,613
EICHMEYER, MARC 2,592,735
EISLER, JOEL 2,886,249
EKMAN, JAAKKO 2,864,837
ELBERBAUM, DAVID 2,931,960
ELBEX VIDEO LTD. 2,931,960
ELEND, CHRISTIAN 2,650,608
ELKASEVIC, SUAD 2,778,632
ELKASEVIC, SUAD 2,779,919
EMERSON ELECTRIC CO. 2,852,284
EMERSON ELECTRIC CO. 2,873,008
EMINOVIC, LEJLA 2,748,410
ENERGY CONTROL LIMITED 2,875,282
ENGLER, OLAF 2,889,954
ENI S.P.A. 2,754,088
ENOVATE SYSTEMS LIMITED 2,737,381
ENSI CAEN 2,720,008
EOLO-SPORT INDUSTRIAS, S.A. 2,700,040
EOVATIONS, LLC 2,903,051
ERIKSSON, SVEN-AKE 2,821,047
ESSER, KARLHEINZ 2,665,920
ETHICON ENDO-SURGERY, INC. 2,699,481
ETHICON ENDO-SURGERY, INC. 2,733,282
EUSER, HUIG 2,719,754
EVANS, MIKE 2,696,379
EVEN, LUC 2,761,660
EVEON 2,876,056
EWOS S.A. 2,687,208
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,657,475
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,658,922
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,715,335
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,757,127
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,776,487
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,863,488
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,867,170
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,868,732
EYER, MARK KENNETH 2,774,537
F. HOFFMANN-LA ROCHE AG 2,802,531
F. HOFFMANN-LA ROCHE AG 2,831,180
F. HOFFMANN-LA ROCHE AG 2,872,039
FAAS MCKNIGHT, SUSAN 2,697,159

FACEBOOK, INC. 2,901,783
FALCONI PEREZ, CECILIA 2,687,208
FAN, FU-REN F. 2,717,454
FARAH, JASON 2,886,249
FAROEX LTD. 2,887,720
FATTMAN, GEORGE 2,740,318
FATTMAN, GEORGE 2,740,433
FAYOL, AUDE 2,743,558
FAYOL, AUDE 2,761,660
FCC CONSTRUCCION S.A. 2,707,321
FCC CONSTRUCCION S.A. 2,707,888
FEATHERBY, CHRIS E. 2,669,241
FEDOROV, VLADIMIR V. 2,645,416
FEHR, CORY 2,861,774
FEINTOOL INTERNATIONAL HOLDING AG 2,639,454
FEINTOOL INTERNATIONAL HOLDING AG 2,705,646
FEINTOOL INTERNATIONAL HOLDING AG 2,705,649
FEINTOOL INTERNATIONAL HOLDING AG 2,705,666
FENERCI, ABDURRAHMAN MURAT 2,863,806
FENG, JAMES Q. 2,875,669
FEREY, GERARD 2,720,008
FILIGRAN TRAGERSYSTEME GMBH & CO. KG 2,879,904
FINK, AXEL 2,833,957
FINK, E. DAVID 2,737,591
FINLEY, JOHN WESTCOTT 2,643,203
FISCHMAN, AMI K. 2,637,218
FISER, RICHARD L. 2,737,591
FISHER, STEVEN WADE 2,826,075
FITZ, WOLFGANG 2,505,419
FITZGERALD, ROBERT 2,886,249
FLOWPRO WELL TECHNOLOGY AS 2,886,430
FLOWPRO WELL TECHNOLOGY AS 2,886,434
FLUECKIGER, WERNER 2,738,848
FMC TECHNOLOGIES, INC. 2,741,534
FMR LLC 2,645,875
FOLEY, DARIN E. 2,713,091
FOLLSTAD, BRIAN D. 2,838,695
FOMO PRODUCTS, INC. 2,829,380
FONDAZIONE CARIPLO 2,835,232
FONDAZIONE ISTITUTO INSUBRICO DI RICERCA PER LA VITA 2,835,232
FONG, PHILIP 2,812,723
FONG, PHILIP 2,870,381
FONTANA, GABRIELE 2,722,211
FORBES, JAMES W. 2,872,781
FORD, MICHAEL 2,681,694
FORSYTHE, PHILLIP 2,844,198
FOSS ANALYTICAL A/S 2,780,107
FOSTER, DAVID 2,748,201
FOSTER, STEPHEN 2,696,761
FOUNTAIN, PETER DAVID 2,735,170
FRANCINI, STEFANO 2,678,983
FRANKENBERGER, JOERG 2,781,990
FRANZOSI, GIULIANA 2,754,088
FRASTACI, MICHAEL 2,795,870
FREED, IAN W. 2,796,595
FREITAS, LINO RODRIGUES DE 2,752,254
FRENNE, MATTIAS 2,810,262
FREYSSINIER, JEAN PAUL 2,765,106
FRICKE, SCOTT H. 2,696,379
FRIEDLAENDER, DANIEL 2,789,216
FRIEL, DANIEL D. 2,915,035
FRISTEDT NEHLSTEDT, SARA 2,588,027
FROJDH, GUNNAR MARTIN 2,858,418
FROY, DAVID 2,821,133
FUKUI, ATSUSHI 2,936,435
FUKUI, YUKO 2,936,435
FUKUNAGA, KAZUHIRO 2,854,064
FULLER, MICHAEL 2,809,431
FUNGE, JOHN 2,813,380
FURCHE, JOHANNES 2,879,904
FURET, PASCAL 2,785,340
FURLOTTI, FILIPPO 2,630,354
FURNARI, FRANK 2,680,854
FURUUCHI, MASAMI 2,803,088
FUSHIWAKI, YUSUKE 2,812,762
GADHER, BHARAT 2,821,133
GAEBLER, ANSOR 2,742,875
GALLOT, JEAN-CLAUDE 2,880,041
GALLOWAY, GREGORY G. 2,887,737
GAMISANS BERENGUER, CARLES 2,883,911
GANNOE, JAMES 2,586,699
GANZ, AN ONTARIO PARTNERSHIP CONSISTING OF S.H. GANZ HOLDINGS INC. AND 816877 ONTARIO LIMITED 2,859,622
GANZ, HOWARD 2,859,622
GARCIA, PHILIPPE 2,782,813
GARDNER, JOSEPH H. 2,837,560
GARING, FRANCIS X. 2,868,186
GARRISON, MARK S. 2,724,392
GAT, GANESH V. 2,715,350
GAY-GUTIERREZ, MANUEL JOAQUIN 2,744,348
GE AVIATION SYSTEMS LIMITED 2,682,091
GEA FOOD SOLUTIONS BAKEL B.V. 2,728,475
GEDDES, JILL 2,809,431
GEMALTO M2M GMBH 2,816,813
GENENTECH, INC. 2,690,334
GENERAL ELECTRIC COMPANY 2,667,154
GENERAL ELECTRIC COMPANY 2,680,629
GENERAL ELECTRIC COMPANY 2,686,370
GENERAL ELECTRIC COMPANY 2,688,753
GENERAL ELECTRIC COMPANY 2,689,179
GENERAL ELECTRIC COMPANY 2,689,264
GENERAL ELECTRIC COMPANY 2,702,576
GENERAL ELECTRIC COMPANY 2,746,415
GENERAL ELECTRIC COMPANY 2,746,450
GENERAL ELECTRIC COMPANY 2,854,489
GENERAL ELECTRIC COMPANY 2,870,604
GENERAL ELECTRIC COMPANY 2,870,707
GENERAL ELECTRIC COMPANY 2,870,713
GENERAL ELECTRIC COMPANY 2,870,742
GENERON (SHANGHAI) CORP. 2,695,734
GENOSCO 2,780,892
GERBI, CRAIG 2,586,699
GERMANS BOADA, S.A. 2,883,911
GESSIER, FRANCOIS 2,785,340
GHANNOUCHI, FADHEL M. 2,704,522
GIESECKE & DEVRIENT GMBH 2,781,990
GILBERT, MICHEL 2,689,481
GILKES, ROBERT 2,770,978
GINESTRA, JOSIANE MARIE-ROSE 2,729,634
GIORI, ANDREA 2,722,211
GIRIDHARAN, MANAMPATHY 2,680,629
GITTER, JOSEPH CARL 2,822,049
GIULIANI S.P.A. 2,657,899
GIULIANI, GIAMMARIA 2,657,899
GIZAW, YONAS 2,879,385
GLASS, WILLIAM G. 2,655,471
GLOBAL TRAFFIC TECHNOLOGIES, LLC 2,875,613
GLOBE UNION INDUSTRIAL CORP. 2,838,337
GLUECK, WERNER 2,760,324
GLUYAS, CASSANDRA WILSON 2,915,035
GLUYAS, THOMAS WALTER 2,915,035
GOBBETTI, MARCO 2,657,899
GOEPP, DANIEL P. 2,906,470
GOETZ, WALTER 2,748,585
GOLBORNE, CARLOS 2,710,521
GOLISANO, MARY KAY 2,713,682
GONZALES, DENIS ALFRED 2,839,953
GORDON, DAVE 2,821,556
GORSIC, BONNIE L. 2,843,612
GOTO, KUNIO 2,880,414
GOUDREAU, PAUL M. 2,750,961
GOVINDAN, SERENGULAM 2,860,175
GRAFTECH INTERNATIONAL HOLDINGS INC. 2,795,870
GRANGER, DAVID B. 2,796,193
GRANT, DUNCAN 2,860,813
GRANT, STEPHEN 2,667,718
GRAU, JIM A. 2,729,550
GREEN, JOSHUA 2,844,198
GRESCHAT, SUSANNE 2,747,641
GREWAL, EMILY B. 2,901,783
GRIESSER, ULRICH 2,728,170

GRIFFITH, CHARLES LEBRON, IV 2,884,678
GRIFOLS, S.A. 2,911,575
GRUBB, SCOTT A. 2,774,369
GRUBER, MARKUS 2,731,410
GRUMBERG, MATHIEU 2,821,556
GRUNWALD, BRAD N. 2,652,817
GRUYER, PIERRE 2,698,325
GUERIN, JACQUES GEORGES PHILIPPE 2,754,288
GUERRET, OLIVIER 2,709,346
GUIMARAES, FELIPE HILARIO 2,752,254
GULOW, KARSTEN 2,838,458
GULYAS, BALAZS 2,703,080
GUNNARSSON, BENGT 2,761,789
GUO, DAVID HONG FEI 2,839,031
GUTZ, DAVID ALLEN 2,686,370
HAIER US APPLIANCE SOLUTIONS, INC. 2,663,982
HAKOZAKI, TOMOHIRO 2,817,974
HALL, ANDREW 2,682,091
HALLDIN, CHRISTER 2,703,080
HALLIBURTON ENERGY SERVICES, INC. 2,824,120
HALLIBURTON ENERGY SERVICES, INC. 2,830,927
HAMERS, CHRISTOPH 2,699,792
HAN, JIE 2,747,490
HAN, STEVE 2,647,626
HAN, WOO-JIN 2,795,475
HAN, WOO-JIN 2,795,626
HAN, WOO-JIN 2,808,587
HANCOCK, ANDREW H. 2,586,699
HANKERD, TIM 2,880,392
HARBERS, RIK 2,802,531
HARRIS CORPORATION 2,765,567
HARRIS, ZACH J. 2,845,167
HARRISON, JAMES J. 2,730,127
HART, GREGORY M. 2,796,595
HARTASANCHEZ CASTILLO, ROBERTO 2,700,040
HARTMAN, CODY L. 2,841,553
HARTOG, ARTHUR H. 2,661,681
HARTWELL, EDWARD 2,706,163
HASSE, DAVID J. 2,784,556
HATIRIS, EMMANOUIL 2,757,108
HAWEKA AG 2,889,096
HAYASHI, KEN-ICHI 2,904,489
HEARD, NICHOLAS ANDREW 2,868,076
HEATCRAFT DO BRASIL LTDA. 2,684,272
HECKENDORF, MARKUS 2,760,324
HEDTKE, ROBERT C. 2,878,920
HEFLIN, CHRISTOPHER 2,697,591
HEIDERMARK, ALF 2,729,926
HEINRICH, TOBIAS 2,703,080
HELAOUI, MOHAMED 2,704,522
HELEN OF TROY LIMITED 2,751,381
HEMARINA SA 2,691,068
HENKEL AG & CO. KGAA 2,741,729
HENKEL AG & CO. KGAA 2,830,495
HENKEL IP & HOLDING GMBH 2,830,495
HENSHALL, DUNCAN 2,703,573
HENSHAW, ROBERT J. 2,868,186
HENSHILWOOD, JAMES A. 2,589,988
HERAEUS NOBLELIGHT GMBH 2,753,011
HERGOVICH LISZTWAN, JOANNA 2,785,340
HEROLD, PETER 2,788,417
HEYES, JAMES 2,532,228
HIBBITT, DAVID 2,737,591
HIETANIEMI, MATTI 2,864,837
HIGAKI, MASARU 2,559,652
HIGHLIFE SAS 2,863,672
HINTERLONG, KEVIN 2,803,146
HOAG, JAMES RAYMOND 2,858,796
HOBBS, PETER 2,629,888
HODGES, CHRIS 2,880,392
HOFFMAN, GARY R. 2,707,961
HOFFMANN, GUNTER 2,830,495
HOFFMANN, KNUT 2,830,495
HOGAN, ROBERT 2,776,965
HOLLAND, JOSEPH MALCHUS 2,814,154
HOLMES, CARL DUNCAN 2,769,428
HOLMES, MICHAEL C. 2,703,045
HOLZER, PHILIPP 2,785,340
HONG, HYO JEONG 2,661,669
HONG, YOON-MI 2,795,626
HORCAJADA CORTES, PATRICIA 2,720,008
HORSTER, NATALIE 2,889,954
HOSKING, PAUL 2,725,168
HOTAKA, TOSHIAKI 2,778,292
HOTTER, ANDREAS 2,728,170
HOWELL, CLIFTON 2,776,965
HOWES, MICHAEL B. 2,818,722
HSU, SHENG-YUAN 2,658,922
HU, XIAOMIN 2,828,081
HUANG, CHUNG-SHIN 2,867,915
HUANG, JINQUAN 2,840,904
HUANG, YU LIANG 2,695,734
HUANG, ZHI HUA 2,695,734
HUAWEI TECHNOLOGIES CO., LTD. 2,810,262
HUBBELL INCORPORATED 2,658,269
HUBER, ANDREAS 2,690,558
HUBER, THOMAS M. 2,915,035
HUEPPI, LUKAS 2,705,649
HUGHES, TREVOR 2,809,431
HUHTAMAKI, INC. 2,892,092
HUI, DENNIS 2,742,606
HULETT, RANDY 2,821,774
HUNG, CHENG-HUNG 2,886,691
HUNT, ROBERT C. 2,726,720
HURDLE, JULIAN G. 2,768,582
HUSKAMP, CHRISTOPHER S. 2,843,612
HUSSAIN, JAWED 2,715,350
HUXTABLE, PAUL STEWART 2,709,741
HWANG, CHENG S. 2,741,671
HYDRAULIC ROD PUMPS, INTERNATIONAL 2,880,392
HYDRIL USA MANUFACTURING LLC 2,686,573
HYDRO ALUMINIUM ROLLED PRODUCTS GMBH 2,889,954
IDEN, MICHAEL E. 2,757,361
IDRIS, FAYEZ 2,821,133
IGNOMIRELLO, BRIAN M. 2,926,692
IGT CANADA SOLUTIONS ULC 2,821,133
IKEDA, TAKUJI 2,803,088
ILLINOIS TOOL WORKS INC. 2,776,965
ILLINOIS TOOL WORKS INC. 2,822,049
ILOQ OY 2,728,771
ILUMISYS, INC. 2,749,883
IMAMURA, MASAKI 2,916,871
IMMUNOMEDICS, INC. 2,860,175
IMPERIAL INNOVATIONS LIMITED 2,868,076
IMPERIAL OIL RESOURCES LIMITED 2,863,488
IMPERIAL OIL RESOURCES LIMITED 2,914,565
IMPLUS FOOTCARE, LLC 2,796,193
INDENA S.P.A. 2,722,211
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION 2,747,490
INGHELBRECHT, PHILIP GEORGES 2,798,072
INGRAM, MICHAEL A. 2,688,768
INNOVATION CENTRAL PTY LTD 2,709,741
INNOVATIVE PRODUCT ACHIEVEMENTS, LLC 2,886,249
INSTITUTE FOR INFORMATION INDUSTRY 2,778,051
INTEGRYS TRANSPORTATION FUELS, LLC 2,868,734
INTERCONTINENTAL GREAT BRANDS LLC 2,643,203
INTERNATIONAL PAPER COMPANY 2,886,093
IQASR, LLC 2,851,719
IROBOT CORPORATION 2,812,723
IROBOT CORPORATION 2,870,381
ITOH, MASAYUKI 2,884,318
ITRON, INC. 2,652,577
ITRON, INC. 2,688,748
ITSKOVICH, GREGORY B. 2,826,802
IVACHTCHENKO, ALEXANDRE VASILIEVICH 2,806,051
IVAN, ERIC J., SR. 2,896,522
IWAHASHI, YASUHIKO 2,825,079
JACAM CHEMICAL COMPANY 2013, LLC 2,902,695
JACKELS, HANS ADOLF 2,838,702
JACKELS, HANS ADOLF 2,865,127
JACKO, MICHAEL SCOT 2,870,562
JACOBY, EDGAR 2,785,340
JAEGER, HUBERT 2,775,154
JAEGER, KARL-ERICH 2,650,608
JAFFEE, ALAN MICHAEL 2,701,245

JAHNKE, DOUGLAS A. 2,868,519
JAHNKE, DOUGLAS A. 2,868,524
JAMES, MARTIN IAN 2,839,953
JAMES, SIMON 2,703,729
JANI, RAJENDRAKUMAR HARIPRASAD 2,900,435
JANJIC, JELENA 2,693,678
JANSSEN BIOTECH, INC. 2,655,471
JANSSEN SCIENCES IRELAND UC 2,518,275
JANSSEN, DAVID 2,740,130
JANSSENS, JEAN-PAUL 2,719,754
JANUSZ, JOHN M. 2,837,560
JANZ, TILO 2,889,096
JAPAN RADIO CO., LTD. 2,856,161
JAPAN SCIENCE AND TECHNOLOGY AGENCY 2,471,746
JEFFREY-COKER, BANDELE 2,726,636
JELAKOVIC, STJEPAN 2,788,417
JFE STEEL CORPORATION 2,812,762
JIMENEZ, EDUARDO 2,728,536
JIMENEZ, EDUARDO 2,886,927
JIMENEZ-HUYKE, ALLYSON JOY 2,702,576
JOHN CRANE INC. 2,725,168
JOHNS MANVILLE 2,701,245
JOHNS, TERRANCE GRANT 2,680,854
JOHNSON, ANDREW P. 2,750,961
JOHNSON, GLENN ALLEN 2,868,186
JOHNSON, MARVIN L. 2,715,335
JOINER, KYLE 2,886,249
JOLICOEUR, PAUL 2,821,556
JONES, ANTHONY R. 2,748,410
JONES, ASHLEY W. 2,735,474
JONES, CHARLES FREDERICK 2,737,300
JONES, CHRISTOPHER 2,844,198
JONES, MATHEW 2,724,763
JORQUERA NIETO, JUAN IGNACIO 2,911,575
JULIAN, CHRISTOPHER 2,586,699
JVM CO., LTD. 2,821,911
KAELLSTRAND, JOHAN 2,588,027
KAJANDER, RICHARD EMIL 2,701,245
KAKENO, YUJI 2,911,056
KALLEN, JOERG 2,785,340
KAMAHARA, MASATAKA 2,789,414
KAMEOKI, TOMOFUMI 2,825,079
KAMINSKI, MARCIN M. 2,838,458
KAMINSKY, ROBERT D. 2,757,127
KAMKE, INGO 2,881,106
KAN, YASUMASA 2,916,871
KAN, YING 2,790,007
KANANEN, JYRKI 2,728,771
KANAZAWA, SATOSHI 2,825,079
KARAFILLIS, APOSTOLOS PAVLOS 2,686,370
KARAKOTSIOS, KENNETH M. 2,796,595
KARJALAINEN, PETTERI 2,728,771
KARPPI, ASKO 2,864,837
KARTASHEVA, ELENA 2,776,487
KASHIMA, KEIICHI 2,778,292
KASPER, DIRK 2,830,495
KAZLAS, PETER 2,629,888
KBA-NOTASYS SA 2,732,927
KEDGE HOLDING B.V. 2,724,825
KEELE, HOWARD 2,520,223
KEENUM, JOHN A. 2,652,817
KEITH, BRIAN DAVID 2,746,415
KELEDJIAN, RAQUEL 2,889,434
KELLER, STEFAN 2,889,954
KELLEY, DAVID J. 2,681,902
KEMBLE, GEORGE 2,879,182
KEMIRA OYJ 2,756,148
KEMIRA OYJ 2,864,837
KENT, JOSEPH 2,749,523
KERAMATI, BARZIN 2,629,888
KEUSCH, STEFAN 2,838,570
KIANG, YUAN-HON 2,589,988
KIEDROWSKI, MATTHEW 2,571,315
KILIBARDA, VELIBOR 2,904,751
KILIBARDA, VELIBOR 2,904,752
KILLOUGH, JOHN 2,770,602
KIM, DONG-SUNG 2,773,385
KIM, HAK SEONG 2,788,453
KIM, HONG WOO 2,780,892
KIM, JIN MAN 2,661,669
KIM, JIN-HEE 2,773,385
KIM, JUN HO 2,821,911
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ANDERSSON, GREGER 2,956,227
ANDRADE DE FREITAS, MARIA FILOMENA 2,949,752
ANDREAE, JAN 2,949,930
ANDREWS, MARK P. 2,956,661
ANDREWS, STEVEN W. 2,949,160
ANDREWS, WILLIAM J. 2,956,444
ANGELEY, DAVID 2,956,707
ANHEUSER-BUSCH, LLC 2,949,761
ANHEUSER-BUSCH, LLC 2,949,764
ANIKET 2,956,570
ANOMERA INC. 2,956,661
ANSLEY, MATTHEW 2,953,329
AOBIOME LLC 2,949,833
AORTICLAB SARL 2,953,215
APTALIS PHARMA LTD. 2,947,998
AQSEPTENCE GROUP, INC. 2,950,874
AQUAJET ZRT. 2,947,245
ARBAB, ALIREZA 2,952,306
ARCHIMEJ TECHNOLOGY 2,956,722
ARES TRADING S.A. 2,948,746
ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY 2,956,523
ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY 2,956,696
ARKEMA FRANCE 2,951,358
ARRAY BIOPHARMA INC. 2,949,160
ASAHI KASEI KABUSHIKI KAISHA 2,956,666
ASANA BIOSCIENCES, LLC 2,956,315
ASCENSIA DIABETES CARE HOLDINGS AG 2,953,230
ASCENSIA DIABETES CARE HOLDINGS AG 2,954,503
ASCHENBRENNER, JOSEPH 2,956,182
ASCHENBRENNER, JOSEPH 2,956,183
ASMUS, BRUCE H. 2,956,680
ASTRAZENECA AB 2,949,598
AT&T INTELLECTUAL PROPERTY I, LP 2,954,971
ATRIVA THERAPEUTICS GMBH 2,949,004
ATRP SOLUTIONS, INC. 2,956,431
AUER, WOLFGANG 2,950,949
AVEDON, RAYMOND B. 2,953,226
AVEN, MICHAEL 2,952,701
AVEXXIN AS 2,949,233
AVIATION PARTNERS, INC. 2,956,073
AVILA MACIAS, MIGUEL ANGEL 2,956,279
BAASOV, TIMOR 2,949,754
BACCHIOCCHI, DANILO 2,956,006
BADHWAR, AJAY N. 2,956,135
BAE, HYUN AE 2,951,019
BAER, BRIAN 2,949,160
BAI, KYOUNG 2,951,714
BAI, XIAOFENG 2,956,247
BAKER HUGHES INCORPORATED 2,956,330
BALANCED EARTH SOLUTIONS, LLC 2,956,452
BALDIGA, JONATHAN DAVID 2,951,638
BALTHASART, PIERRE 2,951,968
BANERJEE, ABIR 2,951,766
BAO, XINNING 2,955,997
BAR-SHALOM, DANIEL 2,949,304
BARNICKEL, DONALD J. 2,954,971
BARNSCHEID, LUTZ 2,949,422
BARTON, RICHARD ATHOL 2,956,585
BARVE, RAKESH 2,954,197
BASF SE 2,949,283
BASF SE 2,949,291
BASSETT, DOUGLAS E., JR. 2,953,942
BAUER, CHRISTOPH 2,951,469
BAUER, NICO 2,956,714
BAUMGARTNER, JOSEPH ERNEST 2,947,112
BAYER PHARMA AKTIENGESELLSCHAFT 2,950,017
BAZARGAN, AFSHIN 2,951,953
BBHC CO., LTD. 2,956,275
BCGI INDUSTRIA DE MAQUINAS E GESTAO DE ATIVOS INTANGIVEIS SPE LTDA. 2,956,493
BCM COSMETIQUE 2,949,666
BDF IP HOLDINGS LTD. 2,951,714
BEARD, RICHARD L. 2,948,876
BECKER, MATTHEW 2,956,437
BECKMAN COULTER, INC. 2,949,840

BEIJING RUIPU CHENCHUANG TECHNOLOGY CO., LTD 2,956,563
BELANGER, DENISE MALCUIT 2,951,936
BELARBRE, ERIC CHRISTIAN 2,956,722
BEN, YOSEF 2,956,050
BENDT IPR APS 2,952,681
BENDT, MADS 2,952,681
BENNETT, ROBERT 2,954,971
BENNI, LUCA 2,950,243
BENTLEY, MICHAEL 2,956,709
BERGMAN, ADAM SCOT 2,955,359
BERGMANN, NICOLE M. 2,956,359
BERICAP SC LLC 2,956,727
BERLEPSCH, JOSEPH ALLEN 2,948,647
BERNECKER + RAINER INDUSTRIE-ELEKTRONIK GES.M.B.H 2,952,702
BERTHEUIL, ELODIE 2,952,053
BES, LAURENCE 2,951,335
BETTERGUARDS TECHNOLOGY GMBH 2,950,020
BEUCHAT, CHARLES EDWARD 2,956,209
BEUTERBAUGH, AARON MICHAEL 2,956,198
BEYER, DOUGLAS 2,956,394
BGI GENOMICS CO., LTD. 2,956,105
BICHLER, VINZENZ 2,950,020
BIGLER, JEANNETTE 2,949,237
BILLINGSLEY, ROGER DALE 2,956,305
BILSTEIN, ANDREAS 2,949,203
BINMOELLER, KENNETH F. 2,946,789
BIOCODEX 2,951,771
BIOMET MANUFACTURING, LLC 2,953,213
BIRRITTELLA, MARK S. 2,956,432
BISERKON HOLDINGS LTD. 2,949,930
BISSANTZ, CATERINA 2,949,173
BIT-BABIK, GIORGI G. 2,954,369
BITOP AG 2,949,203
BLACKMAN, MICHAEL 2,951,979
BLAKE-HASKINS, ANGELA 2,949,212
BLEICHER, KONRAD 2,949,173
BLENKUSH, ROBERT A. 2,956,125
BLICK, DANIEL 2,953,817
BLICK, DANIEL 2,953,826
BLICK, DANIEL 2,953,959
BLOCHER, TROY E. 2,950,874
BLOMQUIST, MICHAEL L. 2,956,688
BLOODWORKS 2,956,072
BLOODWORKS 2,956,325
BLUEBEAM SOFTWARE, INC. 2,956,086
BLUM, YIGAL 2,956,050
BLUMSOM, JIM 2,956,523
BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM 2,956,717
BOCK, HOLGER 2,949,185
BODIL VAN NIEL, MONIQUE 2,949,229
BOEDIGHEIMER, MICHAEL J. 2,949,237
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,949,882
BOEHRINGER INGELHEIM INTERNATIONAL GMBH 2,956,108
BOEHRINGER INGELHEIM VETMEDICA GMBH 2,952,701
BOHLING, JAMES C. 2,956,276
BOHLING, JAMES C. 2,956,280
BOILESEN, CLAUS ERIK 2,950,134
BOISSONNET, LAURENT 2,952,306
BOMBACH, RALF 2,952,178
BOMBARDIER INC. 2,951,979
BONNAUD, THIERRY 2,956,714
BORDENYUK, ANDREY 2,955,503
BORMIOLI ROCCO S.P.A. 2,949,621
BOSCHER, MATTHIAS 2,949,406
BOSTON, LUKE 2,956,226
BOTZEM, PETRA 2,949,568
BOUDEBIZA, TEWFIK 2,952,506
BOUSSIGNAC, GEORGES 2,952,053
BOWLEY, RYAN THOMAS 2,956,692
BOYKO, VOLODYMYR 2,951,936
BRACCI, JONATHON 2,956,382
BRADKEN RESOURCES PTY LIMITED 2,956,525
BRAMER, TRENT MICHAEL 2,956,086
BRANDEIS UNIVERSITY 2,956,174
BRANDT SANZ, MIGUEL 2,952,178
BRAUER, LOTHAR 2,956,727
BRENNER, SEBASTIAN 2,949,885
BRETT, CHRISTOPHER 2,950,971
BRIGANCE, MICKEY R. 2,956,321
BRIGHTWATER MEDICAL, INC. 2,956,401
BRISEBRAS, THOMAS 2,956,140
BRITTELLI, JOHN 2,956,599
BROMAN, CALVIN THEODORE 2,949,094
BROWN, IAN WARREN 2,956,708
BROWN, MALCOLM LEWIS 2,956,530
BROWN, MATTHEW C. 2,951,236
BRUECKNER, MICHAEL 2,953,817
BRUECKNER, MICHAEL 2,953,826
BRUECKNER, MICHAEL 2,953,959
BRUNINGHAUS, MICHAEL 2,951,551
BUCHBERGER, HELMUT 2,956,377
BUCKNER, DON M. 2,956,450
BUNNELLE, WILLIAM L. 2,952,076
BUNYARD, ADAM GUY 2,956,585
BURCHELL, MICHAEL 2,956,685
BURCON NUTRASCIENCE (MB) CORP. 2,956,235
BURGE, RUSSELL 2,949,696
BURMON HOLDINGS PTY LTD 2,956,685
BURNS, STEPHEN LYNN 2,944,119
BUSACCA, ROBERT 2,949,696
BUSCHER, REINHARD 2,951,981
BUSZELLO, KATRIN 2,949,882
BYD COMPANY LIMITED 2,956,267
BYRNE, THOMAS TIMOTHY 2,950,580
BYRNE, THOMAS TIMOTHY 2,950,869
C-GEX SYSTEM'S 2,949,740
C.G.M. S.R.L. 2,949,602
CAHILL, MICHAEL 2,956,067
CAIN, BRANDON M. 2,956,677
CAL POLY CORPORATION 2,956,639
CALLEN, BRIAN 2,956,746
CALOW, JOHN 2,956,445
CAMBELLE LTD 2,956,530
CAMBRIDGE ENTERPRISE LIMITED 2,950,830
CAMPBELL, COLM 2,956,714
CANCARINI, GIANNI 2,949,427
CANCER RESEARCH TECHNOLOGY LIMITED 2,949,598
CANON KABUSHIKI KAISHA 2,956,560
CAPASSO, CRISTIAN 2,949,174
CAPITAL ONE FINANCIAL CORPORATION 2,956,606
CARAPELLI, GIACINTO 2,949,443
CARDIOVASCULAR SYSTEMS, INC. 2,956,568
CARDIOVASCULAR SYSTEMS, INC. 2,956,680
CARGILL, INCORPORATED 2,951,907
CARIGNAN, RYAN DAVID 2,956,623
CARLEY, JOSEPH CHRISTOPHER 2,952,235
CARLSON, ERIK C. 2,956,163
CARREZ, JEAN-LUC 2,952,053
CARTER, ENDA F. 2,950,743
CARTER, KARA 2,948,878
CARTER, STUART 2,955,257
CARTIER, CLAUDE 2,951,770
CASE WESTERN RESERVE UNIVERSITY 2,956,715
CASLER, DANIEL R. 2,956,097
CASTELLS, ADOLFO 2,956,382
CATE, SHELBY A. 2,956,325
CATERPILLAR INC. 2,950,140
CATONNET, GUILLAUME 2,956,390
CAVALLARI, STEFANO 2,948,744
CB THERAPEUTICS, INC. 2,956,399
CELL THERAPY LIMITED 2,951,492
CENTAURUS BIOPHARMA CO., LTD. 2,956,404
CENTRE HOSPITALIER UNIVERSITAIRE DE SAINT-ETIENNE 2,953,215
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.) 2,947,523
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (CNRS) 2,949,574
CERULLO, VINCENZO 2,949,174
CH&I TECHNOLOGIES, INC. 2,956,258
CHADWELL, SCOTT 2,956,452
CHAHROUR, NOUREDDIN 2,956,738
CHAKRABORTY, DEBASISH 2,949,265
CHANG, CHIH-HUSAN 2,956,395
CHANG, YI-CHUNG 2,956,718
CHARGEPOINT TECHNOLOGY LIMITED 2,956,585
CHARLES AUSTEN PUMPS LTD 2,950,227
CHARLES, MARK DAVID 2,949,598
CHARREYRE, FABIEN MICHEL ALAIN 2,949,917

CHARREYRE, FABIEN MICHEL ALAIN 2,949,918
CHATURVEDI, SIVAKUMAR 2,956,620
CHATURVEDI, SIVAKUMAR R. 2,956,617
CHAUDHARY, BHARAT I. 2,952,592
CHEATHAM, JESSE R., III 2,955,978
CHEMETICS INC. 2,951,459
CHEN, BO 2,956,110
CHEN, DENGHUI 2,956,060
CHEN, HAIBIN 2,950,580
CHEN, HAIBIN 2,950,869
CHEN, HOWARD Z. 2,956,091
CHEN, JUNMEI 2,956,325
CHEN, JUNYU 2,956,276
CHEN, JUNYU 2,956,280
CHEN, SHIHAO 2,949,214
CHEN, WANSHI 2,953,880
CHEN, WANSHI 2,953,897
CHEN, ZHENGXIN 2,956,287
CHENEY, JUSTIN LEE 2,956,382
CHENITE, ABDELLATIF 2,956,658
CHEVRON U.S.A. INC. 2,956,168
CHEVRON U.S.A. INC. 2,956,177
CHEVRY, VINCENT 2,951,172
CHIA TAI TIANQING PHARMACEUTICAL GROUP CO., LTD 2,956,404
CHIANG, CASPER W. 2,956,454
CHINA PETROLEUM & CHEMICAL CORPORATION 2,955,997
CHINEN, TORU 2,956,136
CHIRIK, PAUL 2,956,442
CHIVERS, IVOR M. 2,952,598
CHLOPEK, KRZYSZTOF 2,952,527
CHLOPEK, KRZYSZTOF 2,952,529
CHO, HANGYU 2,946,926
CHOI, HYEYOUNG 2,946,926
CHORKENDORFF, IB 2,949,265
CHOWDHURY, RAHUL 2,956,334
CIPOLLA, LORENZO 2,956,059
CIRCUIT THERAPEUTICS, INC. 2,956,707
CJ CHEILJEDANG CORPORATION 2,951,019
CLARKE, GAVIN 2,953,257
CLAYTON, AARON ROBERT 2,951,878
CLEMENTS, MARTIN A. 2,949,990
CLERC, VINCENT 2,951,172
CLERC, VINCENT 2,953,232
CLOSE, DAVID 2,948,944
CLOSED-UP JOINT-STOCK COMPANY DRIVE 2,956,281
CLOVERLEAF MEDIA LLC 2,956,249
CMI DEFENCE S.A. 2,951,968
COATEX 2,951,115
COHERENT LOGIX, INCORPORATED 2,955,611
COLD CHAIN PARTNERS PTY LTD 2,956,093
COLEMAN, MICHAEL D. 2,956,391
COLLUM, STEPHEN 2,950,743
COMPAGNIE GERVAIS DANONE 2,956,390
CONSTELLIUM ISSOIRE 2,952,306
CONTRERAS, NEREYDO T. 2,954,369
CONWAY, CAROLINE 2,956,334
COOKBROOK OY 2,956,253
COONEY, MICHAEL 2,949,840
COOPER, MATTHEW 2,956,646
CORN PRODUCTS DEVELOPMENT, INC. 2,947,635
CORREA, NICOLLE M. 2,953,817
CORREA, NICOLLE M. 2,953,826
CORREA, NICOLLE M. 2,953,959
COSGROVE, DAVID 2,947,914
COSTA BAUZA, ANTONIA 2,950,036
COUNSYL, INC. 2,956,303
COVAULT, JACOB 2,956,177
COVIDIEN LP 2,955,999
COZZO, CARMELA 2,956,099
CRANE, ZACKARY 2,949,160
CRC-EVANS PIPELINE INTERNATIONAL INC. 2,956,318
CREGG, JAMES FREDERICK 2,956,303
CROISETIERE, LOUIS 2,956,451
CROLL, PERRY 2,956,074
CROSBY, KEVIN 2,956,321
CROSSTEX INTERNATIONAL, INC. 2,956,060
CROTTS, GEORGE H. 2,949,212
CSAKO, ANTAL 2,947,245
CUMMING, DAVID XAVANTE 2,952,178
CUMMINS FILTRATION IP, INC. 2,956,397
CURTIN, FRANCOIS 2,949,884
D'AMICO, DANIEL M. 2,956,623
D'ASCENSAO CARVALHO FERNANDES DE MIRANDA REIS, MARIA 2,949,752
DA SILVA CRUZ, FERNANDO MIGUEL 2,949,752
DA SILVA FARINHA, INES 2,949,752
DA VEIGA, ALEXANDRE 2,954,727
DAI, MIN 2,953,878
DALBY, KASPER 2,949,304
DALZIEL, ANDREW GREGOR 2,956,525
DAMAKA, INC. 2,956,617
DAMAKA, INC. 2,956,620
DAMNJANOVIC, ALEKSANDAR 2,953,897
DANFORD, CASEY 2,947,442
DANMARKS TEKNISKE UNIVERSITET 2,949,265
DANNAKER, CHARLES ERIC 2,953,817
DANNAKER, CHARLES ERIC 2,953,826
DANNAKER, CHARLES ERIC 2,953,959
DANTHI, SANJAY 2,948,878
DARAGON, PASCAL 2,954,700
DART, PETER 2,956,179
DAUNAY, SYLVAIN 2,949,334
DAVIDSON, GORDON 2,956,249
DAVIDSSON, MARTIN 2,954,630
DAVIES, MARK 2,948,975
DAVIS, BONNIE M. 2,949,395
DAVIS, DANIEL 2,949,764
DAVIS, KEVIN 2,956,224
DAWES, CHARLES 2,953,257
DC NETCAST MEDIA GROUP, INC. 2,956,151
DE BEER, CHRIS 2,952,584
DE CLEIR, PIARAS 2,956,727
DE MEDINA, PHILIPPE 2,956,192
DE VOS, WILLEM MEINDERT 2,956,047
DECK, FRANK 2,956,116
DEEP CASING TOOLS LIMITED 2,956,248
DEERING, AMANDA JANE 2,956,305
DEFANTE, ADRIAN 2,956,437
DEISSEROTH, KARL 2,956,707
DEL RIO, ALESSANDRA 2,948,746
DELP, SCOTT 2,956,707
DELUBAC, DANIEL 2,956,303
DEMATIC CORP. 2,956,713
DENG, HONGKUI 2,956,563
DENKER, JANA 2,949,422
DEORAS, ANOOP 2,955,497
DEPOUTRE, ALBAN 2,950,049
DETTMER, MELANIE 2,954,080
DEUTSCHE TELEKOM AG 2,954,464
DEUTSCHE TELEKOM AG 2,954,552
DEZURIK, INC. 2,956,125
DHINOJWALA, ALI 2,956,437
DHR TECHNOLOGIES IRELAND LIMITED (DTIL) 2,949,840
DIAS DE MELLO SA, ISABELA 2,956,140
DIAWARA, JULES 2,952,306
DICK, CAMERON 2,956,182
DICK, CAMERON 2,956,183
DICKENS, COLIN 2,949,922
DICKENS, COLIN 2,956,377
DICKSON, CHRISTOPHER M. 2,955,257
DIETZ, MARTIN 2,955,095
DIETZ, MARTIN 2,955,255
DIETZ, WOLFGANG 2,951,862
DIGARD BROU DE CUISSART, SEBASTIEN 2,950,127
DIONISIO, CHRISTOPHER A. 2,954,503
DIRAC, LEO PARKER 2,953,817
DIRAC, LEO PARKER 2,953,826
DIRAC, LEO PARKER 2,953,959
DISCH, SASCHA 2,954,325
DISCH, SASCHA 2,955,095
DISCH, SASCHA 2,955,255
DJELASSI, CEDRIK 2,953,872
DODOO, ERNEST 2,951,746
DOHLA, STEFAN 2,955,127
DOHMANN, HENRIK 2,951,752
DOLE FRESH VEGETABLES, INC. 2,956,305
DONG, YUE 2,956,160
DOOLEY, COLIN ROBERT 2,956,624
DORAN, GRAEME 2,949,537
DOW CORNING CORPORATION 2,956,558
DOW GLOBAL TECHNOLOGIES LLC 2,952,592
DOW GLOBAL TECHNOLOGIES LLC 2,956,135

DOW GLOBAL TECHNOLOGIES LLC 2,956,276
DOW GLOBAL TECHNOLOGIES LLC 2,956,280
DREZGA, DANIJEL 2,951,862
DROGHERIA E ALIMENTARI S.P.A. 2,949,443
DROIN, NATHALIE 2,949,719
DRYJANSKI, DAVID 2,956,063
DSM IP ASSETS B.V. 2,956,428
DUBOIS, NOLWENN 2,949,574
DUFF DESIGN LIMITED 2,956,375
DUFFY, GREG 2,954,630
DUGUET, NICOLAS 2,947,523
DUJOL, CHARLOTTE MARIE 2,950,127
DULL, BOB J. 2,956,305
DUNLEAVY, DONNA M. 2,949,212
DUONG, HANH H. 2,946,789
DUONG, SIEU T. 2,946,789
DUONG, TIEN T. 2,948,876
DURING, KLAUS 2,954,314
DURST, LEE 2,956,151
DUVOISIN, CHARLES ADRIANO 2,956,493
DWIVEDI, MRIDULA 2,949,203
DYKSTRA, ROBERT RICHARD 2,951,936
EARNSHAW, MARK 2,955,611
EATON CORPORATION 2,949,990
ECO-SOLUTIONS LIMITED 2,952,598
ECOLAB USA INC. 2,956,444
EDENHOFFER, PETER 2,956,447
EDER, KURT 2,952,694
EHRHARDT, CHRISTINA 2,949,004
EINHAUS, MICHAEL 2,956,396
EIS, KNUT 2,950,017
EISAI R&D MANAGEMENT CO., LTD. 2,956,270
EKHOLM, FILIP S. 2,952,026
EKWURU, CHUKUEMEKA TENNYSON 2,949,598
EL-BELTAGY, MOHAMMED 2,955,085
ELC MANAGEMENT LLC 2,956,219
ELLING, ULRICH 2,956,108
ELOXX PHARMACEUTICALS LTD. 2,949,754
EMORI, NOBUYOSHI 2,956,052
ENDO, TAKESHI 2,956,294
ENEAU, PATRICE 2,950,127
ENGLAR, JAMES 2,956,180
ERDELMEIER, IRENE 2,949,334
ERPS, TIMOTHY 2,949,537
ESTERBAUER, HERMANN 2,952,702
EVANS, MARTIN JOHN 2,951,492
EVONIK DEGUSSA GMBH 2,950,983
EWM EICHELHARDTER WERKZEUG- UND MASCHINENBAU GMBH 2,951,070
EXTREME TECHNOLOGIES, LLC 2,956,182
EXTREME TECHNOLOGIES, LLC 2,956,183
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY 2,947,112
F. HOFFMANN-LA ROCHE AG 2,949,173
F. HOFFMANN-LA ROCHE AG 2,949,229
F. HOFFMANN-LA ROCHE AG 2,956,116
FACEBOOK, INC. 2,956,508
FAGG, ANDREW JOHN 2,952,178
FANG, ZHIHAO 2,956,709
FARAONE, ANTONIO 2,954,369
FARHAD, BARZEGAR 2,954,971
FASVER 2,951,335
FATIMA, ROMA 2,956,397
FAUBER, BENJAMIN 2,949,229
FAUCARD, RAPHAEL 2,949,884
FAVI, CLAUDIO 2,956,579
FEENEY, STEVEN 2,950,134
FEITISCH, ALFRED 2,956,394
FEITISCH, ALFRED 2,956,395
FENG, JING 2,956,287
FENG, YUGANG 2,956,170
FEUERHERM, ASTRID JULLUMSTRO 2,949,233
FGV CAMBRIDGE NANOSYSTEMS LIMITED 2,951,878
FINANCE DEVELOPPEMENT ENVIRONNEMENT CHARREYRE - FIDEC 2,949,917
FINANCE DEVELOPPEMENT ENVIRONNEMENT CHARREYRE - FIDEC 2,949,918
FINLAY, MAURICE RAYMOND VERSCHOYLE 2,949,598
FIREFLY BIOWORKS, INC. 2,949,537
FIRESTEIN, RON 2,949,982
FIRETRACE USA, LLC 2,956,730
FISHER-OGDEN, PHILIP 2,955,363
FLEISCHHAKER, FRIEDERIKE 2,949,283
FLEISCHHAKER, FRIEDERIKE 2,949,291
FLEMING, GRAHAM CHRISTPOHER 2,956,419
FLETCHER, CHARLES BRANDON 2,956,334
FLETTER, PAUL C. 2,950,743
FLOORING TECHNOLOGIES LTD. 2,947,058
FLORES-FIGUEROA, AARON 2,951,936
FMC TECHNOLOGIES, INC. 2,956,284
FOKAS, ATHANASSIOS SPYRIDON 2,950,830
FOLBERTH, MARTIN 2,956,330
FOLEY, ADAM J. 2,950,743
FOLK, ISAAC 2,956,637
FONSECA, GLEDISON 2,951,936
FOSTER, DAVID T. 2,947,914
FRANK, MANFRED JOHANNES 2,956,536
FRANKE, MANFRED 2,956,176
FRANKE, THOMAS 2,951,981
FRANKS, MICHAEL JOHN 2,951,425
FRANKS, MICHAEL JOHN 2,951,431
FRASER, LOUISE 2,951,495
FRASER, RORY 2,956,377
FRATARCANGELI, SILVIA 2,948,746
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,955,095
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,954,325
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,955,127
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANDTEN FORSCHUNG E.V. 2,955,255
FREIBERGER, NORBERT 2,951,469
FRESENIUS MEDICAL CARE HOLDINGS, INC. 2,950,864
FRESH DIRECT PRODUCE LTD. 2,956,185
FRITSCH, CLAUDE 2,953,241
FRYMASTER L.L.C. 2,944,119
FRYMASTER L.L.C. 2,956,445
FU, HAOJUN 2,956,209
FU, HAOJUN 2,956,458
FU, XIAOYUN 2,956,325
FUCHS, GUILLAUME 2,954,325
FUCHS, GUILLAUME 2,955,095
FURUYA, RYUSUKE 2,949,840
GAAL, PETER 2,953,880
GAAL, PETER 2,953,897
GABOR, PHILIP MICHAEL 2,951,134
GAGE, GARY 2,956,359
GAINES, SIMON 2,949,229
GALANO, KENNETH P. 2,956,710
GALLA, HANS-JOACHIM 2,949,203
GALLO, ANTHONY 2,951,335
GANAPATHY, CHANDRANATH 2,951,766
GAO, CHAO 2,956,404
GAO, CHI 2,956,398
GARCIA LOPEZ, MONICA 2,949,570
GARCIA, NICOLAS 2,950,978
GARDNER, BROCK ROBERT 2,952,081
GARST, MICHAEL E. 2,948,876
GCP APPLIED TECHNOLOGIES INC. 2,956,166
GD MIDEA AIR-CONDITIONING EQUIPMENT CO., LTD. 2,956,247
GE AVIO S.R.L. 2,956,059
GE, SHUNFENG 2,956,170
GEA PROCESS ENGINEERING A/S 2,950,134
GEBHARD, THOMAS 2,955,562
GEHIN, NADEGE 2,949,884
GEHINDY, FRANK 2,956,727
GEISSLER, ANJA 2,949,422
GENENTECH, INC. 2,949,982

GENERAL ELECTRIC COMPANY 2,949,964
GENERAL ELECTRIC COMPANY 2,951,425
GENERAL ELECTRIC COMPANY 2,951,431
GENERAL ELECTRIC COMPANY 2,951,638
GENERAL ELECTRIC COMPANY 2,952,599
GENEURO SA 2,949,884
GENZYME CORPORATION 2,948,878
GENZYME CORPORATION 2,951,551
GEORGE, MICHAEL MARTIN 2,953,806
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,956,623
GERSTEIN, HERTZEL 2,949,731
GERSZBERG, IRWIN 2,954,971
GESER, JOHANNES 2,956,332
GEYER, JAKOB 2,951,746
GHIDORSI, LUIGI 2,947,998
GIESE, ANJA 2,950,017
GILLESPIE, CHRISTOPHER PAUL 2,956,521
GILLESPIE, MICHAEL JOSEPH, III 2,956,521
GIMA S.P.A. 2,950,243
GIRE, STEPHEN K. 2,956,723
GLASER, STUART IRA 2,956,303
GLAXOSMITHKLINE INTELLECTUAL PROPERTY MANAGEMENT LIMITED 2,949,212
GLOBEONE, LLC 2,956,719
GODWOOD, ALEX 2,948,944
GOFMAN, IGOR Y. 2,953,230
GOFMAN, IGOR Y. 2,954,503
GOLDING, JAMES ANDREW 2,950,227
GOLITSCHEK EDLER VON ELBWART, ALEXANDER 2,956,396
GOLTZ, H. ROBERT 2,956,135
GONZALEZ, ANA M. 2,949,998
GOOGLE INC. 2,954,630
GOOI, PATRICK 2,956,273
GORDON & ROSENBLATT, LLC 2,956,181
GORDON, GILBERT 2,956,181
GORDON, GREGORY 2,956,320
GORE, SCOTT A. 2,956,702
GORMLEY, NIALL ANTHONY 2,952,058
GORSHENIN, ALEKSANDER 2,952,592
GORSKI, KEVIN 2,949,237
GOULD, JOEL 2,956,078
GOVINDARAJAN, VENKAT 2,956,454
GOZLAN, CHARLOTTE 2,947,523
GRACE, BRANDII RHIANNHON SOTELO 2,956,084
GRAHAM, MATTHEW S. 2,956,391
GRAHAM, MATTHEW S. 2,956,393
GRANBERG, PER 2,950,333
GRANBERG, PER 2,950,334
GRASES FREIXEDAS, FELIX 2,950,036
GRATZER, LOUIS B. 2,956,073
GRAWE, JAN 2,949,732
GREEN, BRENT E. 2,956,235
GREEN, LOGAN 2,956,063
GREEN, THOMAS ELMER 2,947,112
GREENING, DOUG CHRISTIAN 2,956,692
GREGORY, JILL 2,948,878
GRILL, BERNHARD 2,955,095
GRIMM, JAN 2,956,210
GRIOT, MIGUEL 2,953,880
GROOMS, JOHN M. 2,950,874
GROSSINGER, NADAV 2,956,508
GROVER, BENJAMIN A. 2,951,953
GRUNDSCHOBER, CHRISTOPHE 2,949,173
GRUNENTHAL GMBH 2,949,422
GU, CHANGXUN 2,956,170
GU, SHIQUN 2,952,504
GU, SONGYUAN 2,955,997
GUANG ZHOU JUNENG NANO&BIO TECHNOLOGY CO., LTD 2,956,282
GUANGZHOU JUNENG NANO&BIO TECHNOLOGY CO., LTD 2,956,292
GUILHEM, CHRISTIAN 2,949,740
GUILHEM, JACQUES 2,949,740
GUILHEM, MARC 2,949,740
GUILLAUME, BRUNO 2,949,666
GULKAROV, VLADIMIR 2,956,637
GUNDABATHULA, SATISH 2,956,617
GUNDABATHULA, SATISH 2,956,620
GUPTA, NEERAJ 2,949,517
GUPTA, SANDEEP 2,956,315
GUPTA, SATYA VRAT 2,953,787
GUPTA, SATYA VRAT 2,953,788
GUPTA, SATYA VRAT 2,953,793
GURKAN, UMUT A. 2,956,715
GUZMAN, JAVIER 2,947,112
GUZZO, NATALE 2,954,700
HACKETT, MICAH J. 2,955,978
HAIKAL, ATEF MOHAMMED BAHAY ELDIN 2,952,178
HAIRSTETICS, LTD. 2,956,601
HAKES, DAVID J. 2,950,140
HAKIMI, TINA 2,956,696
HAKKANI-TUR, DILEK 2,955,497
HALILI, EDGARDO C. 2,951,953
HALL, MARY 2,949,447
HALL, SHANA 2,956,321
HALLIBURTON ENERGY SERVICES, INC. 2,956,198
HALLIBURTON ENERGY SERVICES, INC. 2,956,607
HALLIBURTON ENERGY SERVICES, INC. 2,956,612
HAMANN, MIKE 2,956,180
HAMMER, ALEXANDER 2,956,332
HANLON, DAVID NEAL 2,952,589
HANLON, WILLIAM N. 2,955,016
HANNON, DAVID 2,950,743
HANSEN, KEVIN A. 2,956,586
HANSEN, KEVIN SCOTT 2,951,134
HARDEE, KENNETH L. 2,951,002
HAREMZA, SYLKE 2,949,291
HARMSEN, STEFAN 2,956,210
HARSCO TECHNOLOGIES LLC 2,956,586
HASELWOOD, BRITTNEY 2,956,696
HASHEMZADEH, PARHAM 2,950,830
HASLEY, DARON 2,944,119
HASSAN, AMER A. 2,955,016
HAUMANN, MARC 2,956,063
HAY FINANCE GROUP AS 2,956,344
HAYAKAWA, KENJI 2,956,504
HAYAMA, HIROKI 2,956,631
HAZRATI, KATI 2,956,166
HEALY, DENIS 2,949,214
HEDLEY, ROBERT IAN 2,956,679
HELBLEY, KEITH BENJAMIN 2,956,394
HELIN, JARI 2,952,026
HELMRICH, CHRISTIAN 2,955,127
HELMRICH, CHRISTIAN 2,955,255
HELMSING, MARK 2,956,428
HELSINGIN YLIOPISTO 2,949,174
HENDERSON, MARK 2,956,714
HENRY, LAURENT 2,953,203
HENRY, PAUL SHALA 2,954,971
HERBRICH, RALF 2,953,817
HERBRICH, RALF 2,953,826
HERBRICH, RALF 2,953,959
HERSHKOVITZ, SHARON 2,956,050
HERVIEU, PASCAL 2,952,306
HERZ, CHRISTIAN KLAUS 2,956,714
HESS, SYBILLE 2,949,731
HESTER, JONATHAN 2,956,631
HESTERBERG, LYNDAL 2,956,646
HEXELS, GERD 2,956,580
HEXONIA GMBH 2,956,580
HEYWOOD, JAMES 2,949,833
HIGGINS, JOSEPH PETER 2,956,568
HIKICHI, TETSURO 2,956,127
HIKICHI, TETSURO 2,956,265
HILL, CAMERON 2,954,630
HILLE, THOMAS 2,949,568
HILTUNEN, JYRKI 2,956,253
HIRVINEN, MARI 2,949,174
HITACHI CONSTRUCTION MACHINERY CO., LTD. 2,956,564
HIVE STREAMING AB 2,955,085
HOANG, TUAN 2,956,166
HODGDON, TRAVIS KYLE 2,951,936
HOEJGAARD, BENT 2,948,225
HOFFMAN, WILLIAM DAVID 2,956,730
HOGADE, MAYUR H. 2,956,397
HOK PRODUCT DESIGN LLC 2,956,558
HOLLISTER INCORPORATED 2,950,743
HOLTZ, STEPHEN ROBERT 2,956,139
HONDA MOTOR CO., LTD. 2,956,294
HOPFGARTNER, BARBARA 2,956,108
HOPTON, MARK 2,948,944
HORIMOTO, AKIRA 2,956,665
HORIMURA, HIROYUKI 2,956,294
HOSHI, KIYOSHI 2,956,122
HOSHINO, MASAYUKI 2,956,396
HOSHINO, MASAYUKI 2,956,398
HOSPIRA, INC. 2,956,091
HOSSAIN, ASHRAF 2,947,635

HOU, MARI 2,956,533
HOUCHU, LUDOVIC 2,951,172
HOUCHU, LUDOVIC 2,953,232
HOUDINIX LLC 2,956,217
HOUSHITO, OHKI 2,956,294
HOWARD, KEVIN 2,956,249
HOWELL, THOMAS GRANDFIELD 2,952,599
HRISTOV, KRASIMIRA 2,949,651
HSIEH, HAN-WEI 2,956,380
HSIEH, HAN-WEI 2,956,381
HU, YIDING 2,948,878
HUANG, CHUN-MING 2,956,380
HUANG, CHUN-MING 2,956,381
HUANG, HSU-HUNG 2,956,395
HUANG, LIANG 2,956,431
HUANG, XU 2,956,337
HUANG, YINYIN 2,948,878
HUAWEI TECHNOLOGIES CO., LTD. 2,956,099
HUAWEI TECHNOLOGIES CO., LTD. 2,956,576
HUBBELL INCORPORATED 2,956,621
HUBBES, HILMAR 2,949,180
HUBER, HOWARD E. 2,956,565
HUDSON, JOSEPH 2,955,999
HUGHES, BRAIN V. 2,956,084
HUI, AI-MIN 2,949,517
HUNTER, ANDREW 2,953,257
HUNTER, IAN W. 2,956,004
HUNTER, IAN W. 2,956,172
HUSTACHE, FREDERIQUE 2,953,203
HYTOPOULOS, EVANGELOS 2,956,646
IBOSS, INC. 2,956,676
IBRANYAN, ARSEN 2,951,953
ICHINOSE, MASANORI 2,956,564
ICTB GLOBAL CO., LTD. 2,956,051
IDIN CO., LTD. 2,956,134
IIMURO, AKIHIRO 2,956,294
ILLUMINA CAMBRIDGE LIMITED 2,951,495
ILLUMINA CAMBRIDGE LIMITED 2,952,058
ILR SAFETY CC 2,949,350
IMAMURA, NORITOSHI 2,953,070
IMBA - INSTITUT FUR MOLEKULARE BIOTECHNOLOGIE GMBH 2,956,108
INDUSTRIE DE NORA S.P.A. 2,951,002
INGERMAN, ALEKSANDR MIKHAYLOVICH 2,953,817
INGERMAN, ALEKSANDR MIKHAYLOVICH 2,953,826
INGERMAN, ALEKSANDR MIKHAYLOVICH 2,953,959
INNOVATIVE MOLDING 2,956,066
INOUE, SAYAKA 2,956,052
INOUE, TAKU 2,956,259
INOUE, TAKU 2,956,509
INOUE, TAKU 2,956,515
INSERM (INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE) 2,949,574
INSTITUT DE CANCEROLOGIE DE L'OUEST - SITE RENE GAUDUCHEAU 2,949,574
INSTITUT GUSTAVE-ROUSSY 2,949,719
INSTITUT NATIONAL DE RECHERCHE EN INFORMATIQUE ET EN AUTOMATIQUE 2,954,700
INTEGRITY ENGINEERING SOLUTIONS PTY LTD 2,956,708
INTEL CORPORATION 2,956,432
INVERNIZZI, PAOLO 2,951,610
IPG PHOTONICS CORPORATION 2,955,503
ISTO TECHNOLOGIES, INC. 2,956,359
IVERSEN, CHRISTEN MICHAEL 2,949,350
IWAMA, TETSUO 2,956,262
IWAMA, TETSUO 2,956,268
J.R. SIMPLOT COMPANY 2,956,180
JACOBSEN, JETTE 2,949,304
JACOBSEN, NIELS 2,950,134
JACOBSON, NATAN HAIM 2,953,875
JACOBSON, NATAN HAIM 2,953,878
JAEGER, TALBOT 2,956,090
JAEKEL, STEFFEN 2,951,981
JAENA, MARIO L. 2,956,637
JAGUSCH, CARSTEN 2,956,714
JAMAS, SPIROS 2,949,833
JAMES, GREGORY 2,956,452
JANDER, MANUEL 2,955,127
JANDER, MANUEL 2,955,255
JANNARD, JAMES H. 2,956,217
JANSSEN, BERND 2,954,080
JANSSEN, FRANK 2,950,041
JAPANESE ORGANIZATION FOR MEDICAL DEVICE DEVELOPMENT, INC. 2,956,064
JARVIS, FRANCIS 2,956,448
JARVIUS, JONAS 2,949,732
JAVELOT, CHRISTOPHE 2,950,347
JENOPTIK ROBOT GMBH 2,956,743
JENSEN, IDA T. 2,956,140
JERMY, STEVEN CHARLES 2,953,877
JFE STEEL CORPORATION 2,956,686
JIANG, FUMAN 2,956,105
JIANG, YUEHENG 2,956,045
JIANG, ZEMIN 2,956,397
JIANGSU MAGNET VALLEY TECHNOLOGIES CO., LTD. 2,956,106
JIMENEZ-FLORES, RAFAEL 2,956,639
JOAUG, JEROME YI-ZHE 2,951,878
JOH.STIEGELMEYER GMBH & CO. KG 2,951,752
JOHANSEN, BERIT 2,949,233
JOHNSON & JOHNSON CONSUMER INC. 2,950,719
JOHNSON & JOHNSON CONSUMER INC. 2,956,533
JOHNSON, KARA W. 2,956,140
JONES, CHRISTOPHER M. 2,956,612
JONES, MATTHEW ALLEN 2,956,632
JONES, NICHOLAUS A. 2,956,632
JORDAN-BEAR, JENNIFER 2,956,321
JOSEPH, ALEXANDRA 2,948,878
JOSHI, RAJAN LAXMAN 2,953,875
JOSHI, RAJAN LAXMAN 2,953,878
JUDA, KATARZYNA LUIZA 2,951,878
JUDGE, KEVIN 2,956,227
JUNG, SIMON 2,956,209
JUNG, WON JU 2,956,275
JUSTOY PTY LIMITED 2,956,679
JX NIPPON OIL & ENERGY CORPORATION 2,956,592
KAISER, ROLAND 2,955,562
KALWA, NORBERT 2,947,058
KANEDA, MASAYUKI 2,956,666
KANEKO, NOBORU 2,956,699
KANEKO, YOUHEI 2,956,114
KANEKO, YOUHEI 2,956,120
KANERVA, ANNE 2,952,026
KANG, MIN GYEONG 2,951,019
KAPLITT, MICHAEL 2,956,707
KASHIIDE, YOSUKE 2,956,560
KASHYAP, ABHIJITH RAMESH 2,956,453
KASKOUN, KENNETH 2,952,504
KASTURI, SREEDEVI 2,956,397
KATHLER, ANDREAS 2,951,981
KAWABATA, JESSICA OKANE 2,956,305
KAWACHI, TAKESHI 2,956,058
KAYAHARA, MASATO 2,949,840
KAZIMIROFF, ROBERT PAVIL 2,956,086
KE, BOWEN 2,955,719
KEENE BUILDING PRODUCTS CO., INC. 2,954,318
KEENE, JAMES R. 2,954,318
KEHRES, CLINTON E. 2,953,213
KELEPOURIS, LEE 2,949,579
KELLY, CRAIG 2,953,329
KENSICHER, YVES 2,951,115
KEREN, DVIR 2,956,601
KESTER, NORMAN L. 2,956,080
KETTSCHAU, GEORG 2,950,017
KHAIRULLAH, ABIZER MOIZ 2,956,305
KIEN, KATHRYN CHRISTIAN 2,950,974
KIEN, KATHRYN CHRISTIAN 2,952,245
KILLEN, JONATHAN 2,949,229
KIM, GEORGE 2,955,986
KIM, HO BIN 2,956,275
KIM, HYE WON 2,951,019
KIM, JEONGKI 2,946,926
KIM, JONG HYUN 2,951,019
KIM, SUHWOOK 2,946,926
KIMURA, TAKASHI 2,956,560
KIMURA, TOSHIAKI 2,956,294
KINGELIN, TUUKKA 2,950,996
KIRBY, GLEN HAROLD 2,952,599
KIRCHER, MARTIN 2,956,208
KIRCHER, MORITZ F. 2,956,210
KIRKLAND, THOMAS 2,949,447

KIZER, NEIL 2,956,359
KLAR, ULRICH 2,950,017
KLEP, MARK ERIC ANTON ARTHUR 2,949,930
KLIDAS, MICHAEL 2,950,134
KLOTH, MATHIAS 2,954,552
KNIGHTS, SHANNA D. 2,951,714
KNOTT, WILFRIED 2,950,983
KOCHER-PLASTIK MASCHINENBAU GMBH 2,956,332
KOEHLER, ERIC P. 2,956,166
KOEPKE, MICHAEL 2,956,204
KOETEN, ROBERT 2,955,257
KOKKO-GONZALES, PAULA 2,951,495
KOMATSU LTD. 2,956,587
KONDI, SUSHANTH ANAND RAO 2,956,391
KONDOU, SHINYA 2,956,587
KONKLE, BARBARA A. 2,956,325
KONSTANTINOV, KONSTANTIN 2,951,551
KOPFEL, KARL 2,956,332
KORATKAR, NIKHIL 2,956,706
KOSEKI, SHINJI 2,956,686
KOSSO, ANTTO 2,950,212
KOSTYAL, FERENC GYORGY 2,947,245
KOSTYAL, GABOR 2,947,245
KOU, RYUUEN 2,956,587
KOZIOL, KRZYSZTOF KAZIMIERZ 2,951,878
KRASIEV, SERGEY 2,948,744
KREKOUKIS, IOANNIS 2,949,608
KRIKSUNOV, LEO B. 2,949,651
KRISHNAN, SRIRAM 2,953,817
KRISHNAN, SRIRAM 2,953,826
KRISHNAN, SRIRAM 2,953,959
KRISTOFEK, GRANT W. 2,956,004
KRISTOFEK, GRANT W. 2,956,172
KRUSNIAK, MARK S. 2,956,586
KUANG, HUAN 2,956,336
KUDOH, TAKASHI 2,956,262
KUDOH, TAKASHI 2,956,268
KUGLER, ANDREAS 2,954,942
KUNKEL, ERIC 2,956,646
KURAPATI, KAUSHAL 2,956,453
KURZEPA, LUKASZ 2,951,878
KVIST, THOMAS 2,950,043
KWAN, ASHLEY 2,956,185
KYOWA HAKKO KIRIN CO., LTD. 2,949,214
KYRATSOUS, CHRISTOS 2,949,438
LAARHOVEN VAN, BAS 2,956,428
LABELLE, JAMES 2,956,682
LABELLE, JEFFREY 2,956,523
LABELLE, JEFFREY 2,956,696
LABORATORIOS DEL DR. ESTEVE, S.A. 2,949,570
LABORATORIOS DEL DR. ESTEVE, S.A. 2,949,572
LABOTKA, RICHARD 2,949,517
LACROIX, YVES 2,956,518
LAHTINEN, LASSE 2,950,212
LAI, WEI-YUN 2,956,718
LAMAR, JANINE 2,952,701
LAMBERT, CHRIS 2,956,063
LAMBERT, OLIVIER 2,956,714
LAMBERT, STEPHEN 2,949,696
LANCI, MICHAEL P. 2,947,112
LAND, PETER JARRED 2,956,217
LANDMARK GRAPHICS CORPORATION 2,956,139
LANDMARK GRAPHICS CORPORATION 2,956,419
LANDMARK GRAPHICS CORPORATION 2,956,570
LANDOU, BRUNO P. 2,954,429
LANG, ALOIS 2,949,884
LANXESS DEUTSCHLAND GMBH 2,952,527
LANXESS DEUTSCHLAND GMBH 2,952,529
LANZATECH NEW ZEALAND LIMITED 2,956,204
LAPHAM, KYLE ALLEN 2,956,303
LAPING, NICHOLAS JAMES 2,956,315
LAPPI, TODD RICHARD 2,956,623
LASKA, JASON N. 2,954,630
LAUBSCHER, ANDREA M. 2,956,639
LAWSON, CRAIG E. 2,956,621
LAWSON, ROGER E. 2,950,140
LAZARAVICH, PETER 2,956,523
LE GUERN, MARIE-EMMANUELLE 2,951,771
LE ROUX, IVAN DE VILLIERS 2,949,350
LEBEL, CARL P. 2,956,324
LEE, HAN HYOUNG 2,951,019
LEE, KYE HO 2,956,275
LEE, LIFEN 2,949,214
LEE, POLLY PO YEE 2,953,817
LEE, POLLY PO YEE 2,953,826
LEE, POLLY PO YEE 2,953,959
LEE, SANG YEON 2,956,275
LEEB, GUNTER 2,955,016
LEFEVRE, JEAN-MARIE 2,951,771
LEGER, OLIVIER 2,949,998
LEHMANN, CRAIG 2,956,599
LEHNING, MICHAEL 2,956,743
LEISTER, JONATHAN W. 2,956,135
LEMAIRE, MARC 2,947,523
LEON, CRAIG K. 2,956,166
LEONI KABEL GMBH 2,954,080
LEPPANEN, ANNE 2,952,026
LESIMPLE BOBERT, LAURENT 2,952,053
LEUNG, HENRI 2,956,722
LEVATTER, JEFFREY 2,956,456
LEVENSTEIN, LAWRENCE M. 2,956,258
LEYRER, REINHOLD JOSEPH 2,951,936
LG ELECTRONICS INC. 2,946,926
LI, BAIYONG 2,956,000
LI, DACHENG 2,956,247
LI, JAY 2,956,710
LI, JIN 2,953,817
LI, JIN 2,953,826
LI, JIN 2,953,959
LI, JUNYI 2,954,883
LI, MEILLIN 2,956,336
LI, NATHAN Y. 2,956,068
LI, XIAOJIN HARRY 2,956,444
LI, YINGCHENG 2,955,997
LIANG, ZHEN 2,956,563
LIAO, YUANXI 2,956,431
LIENAU, PHILIP 2,950,017
LIEW, FUNGMIN 2,956,204
LIM, FLORENCIA 2,949,842
LIM, KEUW WEI 2,952,564
LIN, CHIA-YANG 2,949,214
LIN, HSIANG-PIN 2,956,380
LIN, HSIANG-PIN 2,956,381
LIN, MARK 2,951,953
LINDE AKTIENGESELLSCHAFT 2,952,694
LINDELL, KATARINA 2,949,579
LINDHORST, THOMAS 2,949,185
LITTLE, JANE 2,956,715
LIU, DAVID R. 2,956,224
LIU, FEI 2,956,404
LIU, HAISONG 2,956,563
LIU, JIALING 2,956,576
LIU, JIN 2,955,719
LIU, JING 2,956,746
LIU, WEIDONG 2,949,160
LIU, XIANG 2,956,394
LIU, XIANG 2,956,395
LIU, XIAOYAN 2,956,337
LIU, XING 2,956,247
LJUBICIC, DEAN 2,956,004
LJUBICIC, DEAN 2,956,172
LLUSA MELENDEZ, GUIU 2,950,483
LOCKHEED MARTIN CORPORATION 2,956,298
LONG, JAMES W. 2,956,630
LONG, NICHOLAS E. 2,956,161
LOPES SILVA, HUGO JOSE 2,949,265
LOPEZ, ERIC 2,956,140
LOPEZ, JOSE ARON 2,956,325
LORENZEN, ERIC M. 2,951,953
LOUDIN, JAMES DONALD 2,956,176
LOVETT, THOMAS D. 2,956,432
LTS LOHMANN THERAPIE-SYSTEME AG 2,949,568
LU, MING 2,956,209
LU, TOH-MING 2,956,706
LUDWIG INSTITUTE FOR CANCER RESEARCH LTD. 2,949,998
LUDWIG, STEPHAN 2,949,004
LUI, GUOHUI 2,949,517
LUM, MICHAEL 2,956,624
LUMINARA WORLDWIDE, LLC 2,956,682
LUNDMARK, DAVID C. 2,956,707
LUO, HUIBING 2,956,628
LUO, TAO 2,953,897
LUPIN LIMITED 2,951,766
LUU, LONG M. 2,956,464
LUY, BERNHARD 2,955,562
LV, LI 2,956,337
LYFT, INC. 2,956,063
LYNE, GRAHAM 2,951,459
MA, JIAN-XING 2,956,588
MACARTNEY, RICK 2,956,151
MACCHETTI, MARCO 2,956,579

MADEIRA, ALEXANDRA 2,949,884
MAEURER, MARKUS 2,951,746
MAGLIERY, THOMAS J. 2,956,161
MAGNA STEYR FAHRZEUGTECHNIK AG & CO KG 2,951,862
MAGTUBE, LLC 2,956,062
MAGUIRE, RICHARD KIRK 2,956,640
MAITRA, RANGAN 2,949,559
MAKHARIA, RITESH 2,955,363
MALETSKIY, STANISLAV VLADIMIROVICH 2,956,281
MALLADI, DURGA PRASAD 2,953,880
MALLADI, DURGA PRASAD 2,953,897
MALONEY, MICHAEL 2,956,359
MANARESI, GIORGIO 2,950,243
MANFRED FRANK PATENT HOLDINGS LIMITED 2,956,536
MANLEY, JESSE COLIN 2,949,964
MANN, HOWARD 2,956,151
MAO, WEIGUANG 2,949,982
MARJANOVIC, ZORAN 2,950,140
MARKLAND, FLAVE 2,947,635
MARKOVIC, GORAN 2,955,127
MARKOVIC, GORAN 2,955,255
MARKOWSKA, ANNA IRMINA 2,956,712
MARR, DAVID THOMAS 2,951,185
MARSHALL, MARGARET 2,949,214
MARSHALL, TRISTAN 2,949,212
MARTINEZ DE MARANON IBABE, INIGO 2,956,390
MARTINI, PAUL MICHAEL 2,956,676
MARTINI, PETER ANTHONY 2,956,676
MASON, PAUL 2,948,878
MASSEY, LAURA 2,954,727
MASSIMINO, GIANPIERO 2,949,602
MATERIAUX NIEKA INC. 2,956,451
MATSUYAMA, HIDETO 2,956,666
MATTER, YVES 2,951,115
MATTEUCCI, SCOTT T. 2,956,135
MCCARTHY, PATRICK 2,956,431
MCCLELLAND, NEIL 2,956,558
MCDEVITT, MICHAEL R. 2,956,146
MCGINNIS, JASON A. 2,956,677
MCGRATH, DARRAGH 2,950,347
MCMASTER UNIVERSITY 2,949,731
MCMENAMIN, MARTIN 2,950,743
MCNEIL AB 2,949,579
MCNEIL, KEVIN BENSON 2,950,580
MCNEIL, KEVIN BENSON 2,950,869
MCQUEEN, MATTHEW 2,949,731
MEDIMMUNE LIMITED 2,948,944
MEDINA, JULIE 2,949,884
MEDIVATION TECHNOLOGIES, INC. 2,956,714
MEDLIN, GWYNN G. 2,956,397
MEDTRONIC MINIMED, INC. 2,951,953
MEI, EDMUND 2,956,534
MEIER, GILBERT TROY 2,956,182
MEIER, GILBERT TROY 2,956,183
MELA SCIENCES, INC. 2,956,456
MELLIN, GUSTAV ANDRE' 2,950,580
MELTON, HAYDEN PAUL 2,956,079
MEMORIAL SLOAN KETTERING CANCER CENTER 2,956,146
MEMORIAL SLOAN KETTERING CANCER CENTER 2,956,210
MEMORIAL SLOAN-KETTERING CANCER CENTER 2,949,998
MENDE, RALPH 2,956,340
MENEZES, PASCAL F. 2,955,016
MENTOR WORLDWIDE LLC 2,949,651
MERCE-VIDAL, RAMON 2,949,572
MERCHANT, STEPHEN 2,950,864
MERGHOUB, TAHA 2,949,998
MERTENS, JANINE 2,951,981
METALOGENIA RESEARCH & TECHNOLOGIES S.L. 2,950,223
MEUNIER, PHILIPPE 2,953,203
MEYER, THOMAS J. 2,956,298
MEYERS, DEREK JAMES 2,952,235
MICROSOFT TECHNOLOGY LICENSING, LLC 2,954,727
MICROSOFT TECHNOLOGY LICENSING, LLC 2,955,016
MICROSOFT TECHNOLOGY LICENSING, LLC 2,955,497
MIDEA GROUP CO., LTD. 2,956,247
MIKKELSEN, MARIE JUST 2,950,043
MIKOSHIBA, YUKI 2,956,305
MILLENNIUM PHARMACEUTICALS, INC. 2,949,517
MINOR, BARBARA HAVILAND 2,952,319
MIROV, RUSSELL NORMAN 2,956,328
MISEO, SABATO 2,947,112
MISHRA, ASHOK 2,951,766
MITCHELL, JOSEPH, III 2,950,134
MITCHELL, ROBERT E. 2,951,134
MITSUBOSHI DIAMOND INDUSTRIAL CO., LTD. 2,956,124
MITSUI MINING & SMELTING CO., LTD. 2,956,294
MITSUJI, HIRO 2,954,630
MITTON, NATHALIE 2,954,700
MIX 14 LTD. 2,956,389
MMC INNOVATIONS LLP 2,951,185
MOCHIDA PHARMACEUTICAL CO., LTD. 2,956,262
MOCHIDA PHARMACEUTICAL CO., LTD. 2,956,268
MODY, SORAB RUSTOM 2,951,766
MOHAMMADI, FATEMEH 2,956,219
MOHAMUD, MOHAMUD 2,948,878
MOISEYEV, GENNADIY 2,956,588
MOJO MARITIME LIMITED 2,953,877
MOLDOVAN, GYORGY 2,947,245
MONTALBO, MICHAEL D. 2,954,630
MONTALVO, SUSAN MCCONNELL 2,951,953
MONTES CUEVAS, PAULA 2,956,390
MONTY, STEPHEN 2,956,685
MOODY, RODGER ALBERT 2,956,066
MOORE, JAMES WILSON 2,956,139
MOREADITH, RANDALL 2,956,709
MORI, SOHO 2,954,213
MORITA, TORU 2,956,666
MORREALE, JOHN D. 2,956,284
MORRILL, WESTIN M. 2,956,163
MORRIS, MAKE 2,944,119
MORROW, JON R. 2,955,016
MORSE, TIMOTHY 2,956,661
MOSCHEROSCH, H. MICHAEL 2,956,533
MOTOROLA SOLUTIONS, INC. 2,954,369
MOYE, THOMAS WRIGLEY 2,951,185
MUBARAK, CHRISTOPHER RUSSELL 2,956,454
MUELLER, STEPHAN 2,956,330
MUGNIER, FABIEN 2,953,232
MUHAMMED, SALIH MUSHIN 2,949,579
MUKAIYAMA, NAOKI 2,949,840
MUKHERJEE, RAHUL 2,956,706
MULTRUS, MARKUS 2,954,325
MULTRUS, MARKUS 2,955,095
MURAKAMI, MASANAO 2,956,124
MYLNIKOW, JURIJ 2,951,752
MYLONAKIS, ANDREAS 2,949,842
NAGRAVISION S.A. 2,956,579
NAIEM, AMGAD 2,955,085
NAKAHARA, YUNOSUKE 2,956,294
NAKANISHI, TADASHI 2,956,686
NAKAZAWA, YOSHIAKI 2,956,055
NAKAZAWA, YOSHIAKI 2,956,058
NANDAGOBAN, ARULNAMBI 2,954,700
NARAYANAN, SANJU 2,949,559
NATIONAL TAIWAN UNIVERSITY 2,956,718
NATIONAL UNIVERSITY CORPORATION KOBE UNIVERSITY 2,956,666
NAUGHTON, VINCENT 2,950,743
NCIRI, MEJDI 2,956,722
NEGRU, OVIDIU 2,956,733
NELSON, GREGORY R. 2,954,630
NESTLER, MONIKA 2,956,746
NETFLIX, INC. 2,955,363
NEUSINGER, MATTHIAS 2,955,095
NEUSINGER, MATTHIAS 2,955,255
NEW YORK AIR BRAKE, LLC 2,956,532
NEW YORK AIR BRAKE, LLC 2,956,565
NEWMAN, DANIEL A. 2,952,235
NEXTGEN JANE, INC. 2,956,723
NG, ANTHONY C. 2,951,953
NGUYEN, LEIN T.T. 2,956,464
NGUYEN, THAO 2,946,789
NICOVENTURES HOLDINGS LIMITED 2,949,922
NICOVENTURES HOLDINGS LIMITED 2,956,377
NIELSEN, MORTEN GODTFRED 2,949,265
NIEUWDORP, MAX 2,956,047
NILSSON, MARKUS 2,950,996
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,956,055

NIPPON STEEL & SUMITOMO METAL CORPORATION	2,956,058
NISHIJIMA, AKIHARU	2,956,587
NISHIMURA, RYUICHI	2,956,055
NISHIMURA, RYUICHI	2,956,058
NISSAN MOTOR CO., LTD.	2,956,114
NISSAN MOTOR CO., LTD.	2,956,120
NISSAN MOTOR CO., LTD.	2,956,122
NISSINK, JOHANNES WILHELMUS MARIA	2,949,598
NIU, YUECONG	2,956,267
NOBLESSE, ARNAUD	2,956,451
NORTH AMERICAN ROBOTICS CORPORATION	2,956,573
NOVAK, KEVIN	2,956,631
NOVAWURKS, INC.	2,956,090
NOVOMATIC AG	2,954,942
NOWAK, MATTHEW MICHAEL	2,952,504
NUCLEUS SCIENTIFIC INC.	2,956,004
NUCLEUS SCIENTIFIC, INC.	2,956,172
NUNGESSER, EDWIN	2,956,276
NUNGESSER, EDWIN	2,956,280
O'BERRY, KRISTEN	2,949,212
O'BRIEN, DANIEL	2,950,743
O'BRIEN, PATRICK L.	2,947,914
O'FLYNN, PADRAIG M.	2,950,743
O'MAHONY, SEAN	2,949,840
O'NEILL, MARCUS	2,949,840
OBERWELZ, ELGER	2,956,140
OCADO INNOVATION LIMITED	2,950,971
OCHSE, MARCO	2,954,464
OCULEVE, INC.	2,956,176
ODA, YOSHIHIKO	2,956,686
OEHLERT, JAMES W.	2,956,326
OERLIKON METCO (US) INC.	2,956,746
OH, MIN SUN	2,956,275
OHIO STATE INNOVATION FOUNDATION	2,956,161
OHNO, SADAO	2,956,497
OHNO, SADAO	2,956,504
OKADA, SHUUJI	2,956,259
OKADA, SHUUJI	2,956,509
OKADA, SHUUJI	2,956,515
OKUBO, TOMOYUKI	2,956,686
OLIGO MEDIC INC.	2,956,658
OLIVIER, AMAURY	2,950,347
OLSEN, JAKOB LIND	2,949,265
ONCOTHERAPY SCIENCE, INC.	2,956,127
ONCOTHERAPY SCIENCE, INC.	2,956,132
ONCOTHERAPY SCIENCE, INC.	2,956,265
ONISHI, HIROYUKI	2,949,840
ONO, ATSUSHI	2,956,058
ORR, SHAWN G.	2,956,477
ORTEGA, HECTOR	2,956,217
ORTENZI, GIOVANNI	2,947,998
ORTIZ GARCIA, JUSTO JESUS	2,950,223
OSAWA, KENGO	2,956,497
OSAWA, RYUJI	2,956,127
OSAWA, RYUJI	2,956,132
OSAWA, RYUJI	2,956,265
OSBORNE, GUY	2,956,459
OSEN, KARL	2,956,579
OSHIMA, RYOICHI	2,956,294
OSTERLOH, JAMES D.	2,956,182
OSTERLOH, JAMES D.	2,956,183
OTONOMY, INC.	2,956,324
OTSUKA, KENICHIRO	2,956,055
OTSUKA, KENICHIRO	2,956,058
OVERTHUN, THOMAS D.C.	2,956,140
OVERWIJK, WILLEM	2,956,717
OZAKI SHIGEYUKI	2,956,064
OZAKI, SHUNSUKE	2,956,270
OZONE, CHIKAFUMI	2,956,130
PAC-DENT INTERNATIONAL, INC.	2,956,060
PAGANUZZI, VALERIO	2,949,621
PAI, NAGARAJA	2,956,612
PAILLASSE, MICHAEL	2,956,192
PAIN, BERNARD	2,953,215
PAL, AVISHEKH	2,956,733
PANANEN, JACOB E.	2,951,953
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	2,956,396
PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	2,956,398
PANG, XINGHUA	2,956,000
PANITCH, ALYSSA	2,956,137
PAPE, LISE S.	2,952,310
PAPOULIS, ANDREW	2,948,878
PAR-KAN COMPANY	2,956,226
PARE, GUILLAUME	2,949,731
PARIS, FRANCOIS	2,949,574
PARK, KINAM	2,956,137
PARKER, ALEXANDER	2,956,375
PARNES, JANE R.	2,949,237
PASQUINO, ENRICO	2,953,215
PATEL, MILAN	2,953,257
PATTERSON, JOHN	2,953,257
PATTON, DOUGLAS	2,956,682
PAUKNER, CATHARINA	2,951,878
PAUL HETTICH GMBH & CO. KG	2,951,981
PEDERSEN, ANNE MARIE LYNGE	2,949,304
PEKING UNIVERSITY	2,956,563
PEKING UNIVERSITY SHENZHEN GRADUATE SCHOOL	2,956,563
PELLED, DORI	2,949,754
PELLETIER, MICHAEL T.	2,956,612
PENDERGRAST, J. STEPHEN	2,956,712
PENDERGRAST, P. SHANNON	2,956,712
PENDERGRAST, R. SCOTT	2,956,712
PENG, WANG	2,956,267
PENG, WEN-JIUN	2,956,065
PENNINGER, JOSEF	2,956,108
PENNINGTON, DALE ANDREW	2,951,878
PEREZ SIMON, IZASKUN	2,956,390
PERKINS, DAVID L.	2,956,612
PERKINS, MELISSA D.	2,949,212
PERLMUTTER, MARTIN	2,956,177
PEROTIN, LAURENT	2,953,872
PERRON, HERVE	2,949,884
PETERSEN, KIRSTIN	2,950,017
PETERSON, ERIC PAUL	2,956,623
PFISTER, BRENT P.	2,956,140
PFIZER INC.	2,949,214
PHARMA73, S.A.	2,949,752
PHILIP MORRIS PRODUCTS S.A.	2,948,744
PHILIPPE, ERIC	2,951,335
PHILLIPS, MATTHEW THOMAS	2,952,081
PICCONE, CONNIE	2,956,715
PICHAT, ANNE	2,952,306
PIERE, MATTHEW D.	2,956,084
PIETRZYK, GRZEGORZ	2,954,325
PIKOVSKY, CATHERINE	2,952,506
PILOT PFLANZENOLTECHNOLOGIE MAGDEBURG E.V. (PPM E.V.)	2,954,314
PINEDA, ELVINE	2,956,573
PIRON, CAMERON ANTHONY	2,956,626
PITCHFORD, ERIC N.	2,956,445
PIZZO, STEPHEN G.	2,956,217
PLITZKO, MATTHIAS	2,955,562
PLOHMANN, BERND	2,949,882
POLSON, ANDREW G.	2,949,982
POLYBIOCEPT AB	2,951,746
POOLE, THOMAS S.	2,956,606
POPOV, LEV	2,956,063
POPPE, JEAN-MARIE	2,945,906
POTLURI, SHOBHA	2,949,214
POWER DISTRIBUTION, INC.	2,956,637
PRADEL, BENJAMIN	2,951,752
PREGIBON, DANIEL	2,949,537
PRESCHE, MARTIN	2,954,778
PRESIDENT AND FELLOWS OF HARVARD COLLEGE	2,956,224
PRESIDIUM USA, INC.	2,956,523
PRIETO ALMIRALL, RAFAEL MARIA	2,950,036
PRINTPACK ILLINOIS, INC.	2,947,914
PRODOEHL, MICHAEL SCOTT	2,950,580
PRODOEHL, MICHAEL SCOTT	2,950,869
PROFROCK, DIMA	2,956,743
PROLITEC INC.	2,953,329
PROMEGA CORPORATION	2,949,447
PROVOLO, DANIEL JOHN	2,956,640
PUDEL, FRANK	2,954,314
PUIG DOMENECH, ANTONI	2,950,483
PUIG HERRERA, JORDI	2,950,483
PURDUE RESEARCH FOUNDATION	2,956,137
PURI, MANASI	2,949,212
PUROLA, VELI-MATTI	2,956,253
PUTASWAMY, KEMPARAJU	2,956,391
PUTNINS, MATTHEW ERIC	2,950,719
PUVVADI, SUDHAKAR RAO	2,953,817
PUVVADI, SUDHAKAR RAO	2,953,826

PUVVADI, SUDHAKAR RAO 2,953,959
PYRCZ, MICHAEL 2,956,168
PYRCZ, MICHAEL JAMES 2,956,177
Q-LINEA AB 2,949,732
QI, FUXING 2,956,106
QIAGEN GMBH 2,953,942
QIAGEN REDWOOD CITY, INC. 2,953,942
QIAN, JUN 2,953,817
QIAN, JUN 2,953,826
QIAN, JUN 2,953,959
QIAN, ZHEN 2,956,276
QIAN, ZHEN 2,956,280
QIN, YUAN 2,956,400
QIU, JUNZHUAN 2,956,399
QU, LISA 2,956,219
QUALCOMM INCORPORATED 2,952,504
QUALCOMM INCORPORATED 2,953,875
QUALCOMM INCORPORATED 2,953,878
QUALCOMM INCORPORATED 2,953,880
QUALCOMM INCORPORATED 2,953,897
QUALCOMM INCORPORATED 2,954,883
QUANTUM INNOVATIONS, INC. 2,956,080
QUINTERO, PABLO 2,956,185
RACHED, WISSAM 2,951,358
RADIVOJEVIC, DUSAN 2,956,078
RADUX DEVICES, LLC 2,956,320
RAGHAVAN, VASANTHAN 2,954,883
RAHMAN, TASKIN 2,955,363
RAITH, CHRISTIAN 2,949,291
RAJAGOPALAN, SHANKAR 2,956,318
RAJESH, GOPALASWAMY 2,956,454
RAMAKRISHNAN, RAKESH 2,953,817
RAMAKRISHNAN, RAKESH 2,953,826
RAMAKRISHNAN, RAKESH 2,953,959
RAMIREZ-ALMARAZ, AMARANTA 2,956,337
RANKERS, ULRICH H. 2,951,953
RAO, KARTHEEK MUNIGOTI SHANKAR 2,956,093
RAUBO, PIOTR ANTONI 2,949,598
RAVELLI, EMMANUEL 2,954,325
RAVELLI, EMMANUEL 2,955,095
RAVELLI, EMMANUEL 2,955,127
RAVELLI, EMMANUEL 2,955,255
RAVIKUMAR, SUNDARAM 2,956,459
REBISCAN, INC. 2,956,113
REDINGER, KEVIN 2,950,134
REDL, ANDREAS 2,947,523
REED, MARK W. 2,955,978
REED, PETER E. 2,956,444
REFRACTORY INTELLECTUAL PROPERTY GMBH & CO KG 2,951,469
REGENERON PHARMACEUTICALS, INC. 2,949,438
REGINALD, AJAN 2,951,492
RENAUD, GILLES 2,951,771
RENSSELAER POLYTECHNIC INSTITUTE 2,956,706
RESEARCH TRIANGLE INSTITUTE 2,949,559
RETTIG, RAYMOND F. 2,956,067
RETTIG, RAYMOND F. 2,956,070
REXNORD INDUSTRIES, LLC 2,951,134
REYES, ENRIQUE ANTONIO 2,956,198
RHIZEN PHARMACEUTICALS SA 2,949,932
RICHARD, MARINE V. 2,950,743
RICHARDS, DANIEL R. 2,953,942
RICHTER, CORNELIA 2,949,885
RIGA, CYRIL 2,952,053
RIGATTI, ROBERTO 2,952,058
RIKEN 2,956,130
RIMMER, TODD M. 2,956,432
RINALDI, GIANLUCA 2,948,746
RINDESKAR, ANDREAS 2,956,578
RIO, EMMANUEL 2,949,574
RIPOCHE, NATACHA 2,949,574
RITTER, GERD 2,949,998
ROBERT, MARK F. 2,956,166
ROBERTSON INTELLECTUAL PROPERTIES, LLC 2,953,200
ROBERTSON, EZBAN F. 2,944,119
ROBERTSON, EZBAN F. 2,956,445
ROBERTSON, MICHAEL 2,953,200
ROCHE REBOLLO, ENRIQUE 2,950,483
ROCHE REBOLLO, ENRIQUE 2,956,409
ROCKWOOL INTERNATIONAL A/S 2,950,041
RODERS, INGO 2,956,330
RODRIGUEZ RODRIGUEZ, ADRIAN 2,950,036
ROGERS, CHERYL 2,949,764
ROHM AND HAAS COMPANY 2,952,592
ROHM AND HAAS COMPANY 2,956,276
ROHM AND HAAS COMPANY 2,956,280
ROHTER, ALON 2,952,465
ROMANOV, YURIY IGOREVICH 2,956,281
RONDEUX, CHRISTIAN 2,951,968
ROSENBLATT, AARON 2,956,181
ROSENBLOOM, JEFFREY S. 2,956,324
ROSENTBLOOM LP 2,956,324
ROSS, JERRY 2,956,719
ROSS, PETER GEORGE 2,952,081
ROTH, ANDREAS 2,951,070
ROTHBERG, JONATHAN SCOTT 2,956,086
ROVI GUIDES, INC. 2,952,465
ROVI GUIDES, INC. 2,953,257
ROVI GUIDES, INC. 2,954,197
ROVI GUIDES, INC. 2,954,213
RPC BRAMLAGE GMBH 2,954,778
RULE, THOMAS 2,954,429
RUNTE, MATHIAS 2,956,746
RUNYON, SCOTT P. 2,949,559
RYSER, MARTIN 2,949,885
RYU, KISEON 2,946,926
S.M.S. SMART MICROWAVE SENSORS GMBH 2,956,340
SAAD, JOHN ROSS 2,956,525
SADLER, TIMOTHY LOGAN 2,952,081
SAFRAN AIRCRAFT ENGINES 2,950,127
SAFRAN AIRCRAFT ENGINES 2,950,347
SAFRAN AIRCRAFT ENGINES 2,952,506
SAFRAN AIRCRAFT ENGINES 2,953,872
SAFRAN POWER UNITS 2,950,049
SAFRAN TRANSMISSION SYSTEMS 2,953,203
SAITO, SHINJIRO 2,956,564
SAKAE, VAUGHN S. 2,951,953
SAKKINEN, PETRI 2,950,212
SAKO, KENJI 2,949,958
SAKURA RUBBER CO., LTD. 2,956,665
SALLES, JOSE OLAVO MARTINS FERREIRA 2,956,454
SALO, HANNA 2,952,026
SAMARTSEV, IGOR 2,955,503
SAMBUSSETI, ANTONIO 2,949,427
SAMPATH, ASHWIN 2,954,883
SAMPLIX S.A.R.L. 2,950,043
SAMUEL, ROBELLO 2,956,570
SANCHEZ, JESUS A. 2,956,174
SANDVIK INTELLECTUAL PROPERTY AB 2,956,578
SANMARTIN SIERRA, ESTHER 2,956,390
SANOFI PASTEUR 2,955,562
SANOFI-AVENTIS DEUTSCHLAND GMBH 2,949,731
SARTINI, EMMA LYNN 2,950,974
SARTINI, EMMA LYNN 2,952,245
SATER, BERNARD L. 2,956,062
SATER, NEIL D. 2,956,062
SATO, YUSUKE 2,956,592
SATOH, TSUTOMU 2,956,262
SATOH, TSUTOMU 2,956,268
SAUTER, JEFFREY 2,956,565
SAWA, YASUNORI 2,956,058
SAWADA, NAOKI 2,949,214
SBRIGLIA, GUY A. 2,956,702
SCHAEFER, CHRISTIAN 2,956,124
SCHAER, DAVID 2,949,998
SCHATZ, PEER M. 2,953,942
SCHEINBERG, DAVID A. 2,956,146
SCHEURING, UWE 2,949,882
SCHILLING, JAN CHRISTOPHER 2,951,425
SCHLAGE LOCK COMPANY LLC 2,956,067
SCHLAGE LOCK COMPANY LLC 2,956,070
SCHLAGE LOCK COMPANY LLC 2,956,391
SCHLAGE LOCK COMPANY LLC 2,956,393
SCHMITT, LAURENT 2,956,390
SCHNEIDER, PAUL ANTHONY 2,956,640
SCHNELL, MARKUS 2,955,095
SCHNITZER, MARTIN 2,956,140
SCHOENBORN, KAI 2,956,330
SCHOLZ, ALEXANDER 2,956,340
SCHON, ANDREW 2,956,078
SCHREMMER, MARK 2,949,761
SCHREMMER, MARK 2,949,764
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BORYSOW, JACEK 2,955,530
BRANDL, ALEXANDER 2,935,513
BUSCHER, DIRK 2,953,782
BUTTRY, DANIEL A. 2,956,645
CANADIAN NATURAL RESOURCES LIMITED 2,936,316
CELLERIX, S.L. 2,953,782
CENTRO SUPERIOR DE INVESTIGACIONES CIENTIFICAS 2,953,782
CHAUDHRY, RAHEEL A. 2,954,619
COLI, TODD 2,955,706
DAR, AMIT 2,956,427
DE SILVA, PRAVEEN 2,951,889
DOLGIN, LOUIS 2,936,591
DORMAN, LEE FISHER 2,954,832
DORMAN, LEE FISHER 2,955,145
DOUCET, SERGE 2,933,863
EASTIN, BRYAN K. 2,954,864
EMERSON PROCESS MANAGEMENT VALVE AUTOMATION, INC. 2,955,431
EMORY UNIVERSITY 2,955,684
ENERMOTION INC. 2,956,147
EVANS, MICHAEL G. 2,936,601
EVOLUTION WELL SERVICES, LLC 2,955,706
FACEBOOK, INC. 2,955,848
FINK, MANFRED 2,955,530
FORSTER, JAMES W. 2,936,591
FUKUDA, SHIGEHARU 2,956,625
GALLAGHER, DAVID JAMES 2,955,332
GARNER, WILLIAM NICHOLAS 2,936,316
GENERAL ELECTRIC TECHNOLOGY GMBH 2,955,173
GENERAL ELECTRIC TECHNOLOGY GMBH 2,955,175
GERG, JAMES 2,951,889
GIBBS, DAVID ROBERT 2,956,147
GOLDBERG, DAVID A. 2,956,645
GONZALEZ DE LA PENA, MANUEL ANGEL 2,953,782
GSE ENVIRONMENTAL, LLC 2,955,332
GUANGXI BOSSCO ENVIRONMENTAL PROTECTION TECHNOLOGY 2,946,017
GUTHRIE, DAVID B. 2,955,684
HALLIBURTON ENERGY SERVICES, INC. 2,956,236
HANS, JEREMY 2,952,920
HAYASHIBARA CO., LTD. 2,956,625
HOFFMAN, ALEX L. 2,955,383
HORNSTEIN, LOUIS BRUCE 2,954,832
HORNSTEIN, LOUIS BRUCE, DR. 2,955,145
HOWSON, DAVID C. 2,956,645
HUANG, BINGGUI 2,946,017
HUGHES, CHARLES J. 2,955,848
IZAWA, SEISUKE 2,956,625
JOHNSON, MATTHEW A. 2,956,502
KAPPIS, WOLFGANG 2,955,173
KAPPIS, WOLFGANG 2,955,175
KLEIN, BERND 2,935,513
KOONTZ, STEVEN R. 2,955,837
LAIRD, ELLEN 2,952,920
LASKO, EYAL 2,956,427
LI, ZHONGPING 2,946,017
LINDE AKTIENGESELLSCHAFT 2,935,513
LIOTTA, DENNIS C. 2,955,684
LOCKWOOD, MARK A. 2,955,684
LYSSIKATOS, JOSEPH P. 2,952,920
MACIULEWICZ, STEPHEN M. 2,954,619
MACNEVIN, CHRISTOPHER 2,955,684
MAGUIRE, YAEL G. 2,955,848
MARSHALL EXCELSIOR COMPANY 2,955,383
MAUS, GEOFFREY B. 2,956,644
MAUS, GEOFFREY B. 2,956,653
MEIJI CO., LTD. 2,956,374
METZGER, STEVEN W. 2,956,645
MICHELI, MARCO 2,955,173
MICHELI, MARCO 2,955,175
MICHIGAN TECHNOLOGICAL UNIVERSITY 2,955,530
MIYAKE, TOSHIO 2,956,625
MORA, MARIO DELGADO 2,953,782
MUEHL, BRIAN KEITH 2,936,591
NATCHUS, MICHAEL G. 2,955,684
NISHIMOTO, TOMOYUKI 2,956,625
NORTHROP GRUMMAN SYSTEMS CORPORATION 2,954,864
OHTSUBO, KAZUMITSU 2,956,374
PAINE, RANDY 2,936,316
PARIKH, SAMIR 2,936,601
PC CONNECTION, INC. 2,955,837
POWER, BRONWYN 2,956,365
PUERTA, LUIS FEDERICO 2,955,173
PUERTA, LUIS FEDERICO 2,955,175
RHEEM MANUFACTURING COMPANY 2,954,619
ROBINSON, JOHN 2,952,920
ROCHA, GERALD 2,954,712
ROLLS-ROYCE CORPORATION 2,956,365
RUBIN, MARK 2,956,427
SAAVEDRA, STEVEN SCOTT 2,956,645
SAYEED, IQBAL 2,955,684
SCHELSKE, ELDON 2,955,706
SHADEFX CANOPIES INC. 2,953,934
SHIBATA, MITSUHO 2,956,374
SHIBUYA, TAKASHI 2,956,625
SHIRINFAR, SHAFIGH 2,955,848
SMITH, JEREMY 2,956,644
SMITH, JEREMY 2,956,653
SPRINGER, SHMUEL 2,956,427
STANNARD, JOHN HAMILTON 2,956,147
STEELE, DAVID JOE 2,956,236
STEIN, DONALD G. 2,955,684
TAN, LANG 2,946,017
TER HORST, GERARD 2,955,431
TOKSVIG, MICHAEL JOHN MCKENZIE 2,955,848
TOYODA, IKURU 2,956,374
TRAFFIX DEVICES, INC. 2,956,644
TRAFFIX DEVICES, INC. 2,956,653
TRAN, TUAN (TOM) M. 2,951,889
TREMBLAY, HANS 2,933,863
TURNER, JAMES FREDERICK 2,956,516
VAN DORP, ERWIN 2,955,431
VARGHESE, PHILIP 2,955,530
W.L. GORE & ASSOCIATES, INC. 2,956,502
WADDINGTON GROUP, INC. 2,936,601
WALLACE, ELI M. 2,952,920
WANG, SHUANGFEI 2,946,017
WENTORF, MARY S. 2,956,119
WESTGARTH, PETER 2,953,934
WHEELER, MATTHEW J. 2,955,837
WILLIAMS, ROBERT C. 2,955,837
WU, JIANGYING 2,936,316

XU, CUISHENG	2,946,017
YOUNGBLOOD, JIMMIE GORDON, JR.	2,955,332
ZHAN, LEI	2,946,017
ZHAO, QIAN	2,952,920
ZIMMEL, EDWARD JOSEPH	2,955,332
ZIMMER, INC.	2,956,119
ZUCK, JAMES C.	2,955,383